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**TABLES OF EQUILIBRIUM THERMODYNAMIC  
PROPERTIES OF AIR  
VOLUME III. CONSTANT ENTROPY**

**Herbert S. Brahinsky and Charles A. Neel**

**ARO, Inc.**

**April 1969**

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TABLES OF EQUILIBRIUM THERMODYNAMIC  
PROPERTIES OF AIR  
VOLUME III. CONSTANT ENTROPY

1. Air -- Properties  
2 " -- Thermodynamic properties  
3 " -- Entropy

Herbert S. Brahinsky and Charles A. Neel  
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## **FOREWORD**

The work reported herein was sponsored by Headquarters, Arnold Engineering Development Center (AEDC), Air Force Systems Command (AFSC), under Program Element 63101F.

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This technical report has been reviewed and is approved.

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## ABSTRACT

Equilibrium thermodynamic data are presented for air from an  $S/R$  of 13.2 to 133.0 and from a temperature of 100 to 15,000°K, where  $S/R$  is dimensionless entropy. These data are tabulated at constant entropy with temperature incremented. The dependent parameters are  $\log \rho$ ,  $\log P$ ,  $\log H/R$ ,  $\gamma_E$ ,  $A/AA$ ,  $Z$ ,  $H/RT$ , and  $Z^*$ . Several sources were used in assembling the data.

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## NOMENCLATURE

A	Speed of sound
AA	Speed of sound at 273.15°K and 1 atm (from $\sqrt{\gamma RT}$ )
$C_p$	Specific heat at constant pressure
$C_v$	Specific heat at constant volume
E	Internal energy
H	Enthalpy
ln	Logarithm to base e
log	Logarithm to base 10
P	Pressure, atm
$P_0$	Reference pressure, 1 atm
R	Gas constant
S/R	Dimensionless entropy
T	Temperature, °K
Z	Compressibility factor
$Z^*$	Total number of moles/mole at 273.15°K and 1 atm
$\gamma$	Ratio of specific heats
$\gamma_E$	Isentropic exponent ( $\partial \log P / \partial \log \rho)_S$
$\rho$	Density, amagats
$\rho_0$	Reference density, 1 amagat; the density at 1 atm of pressure and 273.15°K

## CONSTANTS FOR USE WITH AIR TABLES

$$T_O = 273.15^\circ\text{K}$$

$$\text{Gravitational Constant} = 32.174 \text{ ft/sec}^2$$

$$1 \text{ Btu} = 778.158 \text{ ft-lb}$$

$$1 \text{ gm-cal} = 42,698.8 \text{ gm-cm}$$

$$1 \text{ gm/cm}^3 = 62.4283 \text{ lb/ft}^3$$

$$P_O = 1.0 \text{ atm}$$

$$= 1.03323 \times 10^3 \text{ gm/cm}^2$$

$$= 14.6959 \text{ psi}$$

$$= 2116.22 \text{ psf}$$

$$= 760 \text{ mm Hg}$$

$$= 1.013246 \times 10^5 \text{ newtons/m}^2$$

$$\gamma = 1.4 \text{ for AA calculation}$$

$$AA = 1087.334 \text{ ft/sec}$$

$$= 331.419 \text{ m/sec}$$

$$\text{Molecular Weight} = 28.967$$

$$R = 1.98726 \text{ gm-cal/gm-mole } ^\circ\text{K}$$
$$\text{or Btu/lb-mole } ^\circ\text{R}$$

$$= 6.86043 \times 10^{-2} \text{ gm-cal/gm } ^\circ\text{K}$$
$$\text{or Btu/lb } ^\circ\text{R}$$

$$= 3091.694 \text{ ft}^2/\text{sec}^2 \text{ } ^\circ\text{K}$$

$$= 1717.608 \text{ ft}^2/\text{sec}^2 \text{ } ^\circ\text{R}$$

$$= 3.66099 \times 10^{-3} \text{ atm/amagat } ^\circ\text{K}$$

$$\rho_O = 1.0 \text{ amagat}$$

$$= 4.45848 \times 10^{-5} \text{ gm-mole/cm}^3$$

$$= 1.29149 \times 10^{-3} \text{ gm/cm}^3$$

$$= 8.06254 \times 10^{-2} \text{ lb/ft}^3$$

$$= 2.50592 \times 10^{-3} \text{ slugs/ft}^3$$

## DISCUSSION

Accurate thermodynamic data are of obvious importance for modern-day gasdynamic studies. In accordance with this philosophy, the Arnold Engineering Development Center has sponsored much of the work of the National Bureau of Standards (NBS) in producing and publishing the thermodynamic properties of several gases, an example of which is the AEDC report of Hilsenrath and Klein (Ref. 1) for air. In Ref. 1 the data are presented in tables of constant temperature with the independent variable being  $\log \rho$  and the dependent variables being  $Z$ ,  $E/RT$ ,  $H/RT$ ,  $S/R$ ,  $\log P$ , and  $Z^*$ . These data include dissociation, ionization, and second virial corrections. The data of Humphrey and Neel (Ref. 2), which are based in part on the work of Din (Ref. 3), are in the same format as the NBS data but cover the lower temperature range. The data of Grabau and Brahinsky (Ref. 4) extrapolated the existing data to high densities for the midrange of temperatures, and these data are also in the same format as the NBS data. However, it is desirable to have the above data in different formats from that normally found in most NBS reports, namely temperature versus density. For example, interpolations at constant pressure (Ref. 5) and constant entropy (Ref. 6) greatly simplify normal shock crossing and isentropic expansion calculations; interpolated speed of sound and specific heat data are also of great value. Hence, a project has been undertaken at the AEDC to assemble the above-described data in various formats by interpolating the basic data (NBS format) using the four-point Lagrange interpolation formula described by Lewis and Neel (Ref. 7).

Table I presents these data from an  $S/R$  of 13.2 to 50.0 in increments of 0.2, and from an  $S/R$  of 50.0 to 133.0 in increments of 1.0. These data are presented for a temperature range from 100 to 15,000°K. Each set of data is at constant entropy with temperature incremented. The dependent parameters are  $\log \rho$ ,  $\log P$ ,  $\log H/R$ ,  $\gamma_E$ ,  $A/AA$ ,  $Z$ ,  $H/RT$ , and  $Z^*$ , in that order. In the parameter  $\log H/R$ ,  $H/R$  is in degrees Kelvin. Constants for reducing the data to various dimensional units are found in the nomenclature.

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**TABLE I**  
**THERMODYNAMIC DATA AT CONSTANT ENTROPY FOR AIR**



				S/R= 13.2					
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*	
300	2.9934	4.1175	3.6185	0.0	0.0	11.8587	13.8465	1.00000	

				S/R= 13.4					
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*	
300	2.9791	4.0823	3.5850	0.0	0.0	10.8684	12.8183	1.00000	

				S/R= 13.6					
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*	
300	2.9653	4.0409	3.5495	0.0	0.0	9.9346	11.8130	1.00000	

				S/R= 13.8					
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*	
300	2.9517	3.9939	3.5124	0.0	0.0	9.0560	10.8464	1.00000	

				S/R= 14.0					
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*	
300	2.9382	3.9415	3.4741	4.4310	5.349	8.2313	9.9302	1.00000	
400	2.9963	4.1986	3.7164	4.4310	7.077	10.8060	13.0121	1.00000	

				S/R= 14.2					
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*	
300	2.9245	3.8843	3.4348	4.7929	5.296	7.4592	9.0723	1.00000	
400	2.9810	4.1548	3.6801	4.7929	7.039	9.8830	11.9672	1.00000	

				S/R= 14.4					
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*	
300	2.9104	3.8226	3.3950	5.1248	5.205	6.7385	8.2778	1.00000	
400	2.9658	4.1066	3.6429	5.1248	6.953	9.0174	10.9866	1.00000	

				S/R= 14.6					
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*	
300	2.8957	3.7568	3.3550	5.4094	5.074	6.0680	7.5490	1.00000	
400	2.9507	4.0541	3.6053	5.4094	6.815	8.2078	10.0739	1.00000	

				S/R= 14.8					
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*	
300	2.8801	3.6874	3.3151	5.6298	4.904	5.4463	6.8865	1.00000	
400	2.9353	3.9979	3.5673	5.6298	6.625	7.4524	9.2313	1.00000	

				S/R= 15.0					
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*	
300	2.8635	3.6147	3.2757	5.7742	4.698	4.8721	6.2891	1.00000	
400	2.9195	3.9380	3.5294	4.9020	5.883	6.7496	8.4585	1.00000	
500	2.9914	4.2419	3.7846	4.2232	7.285	9.6114	12.1807	1.00000	

S/R= 15.2								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	2.8455	3.5391	3.2371	5.8350	4.459	4.3443	5.7545	1.00000
400	2.9031	3.8750	3.4915	5.0500	5.675	6.0977	7.7545	1.00000
500	2.9749	4.1925	3.7483	4.4210	7.118	8.7639	11.2031	1.00000

S/R= 15.4								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	2.8260	3.4611	3.1997	5.8106	4.196	3.8615	5.2795	1.00000
400	2.8859	3.8090	3.4543	5.1254	5.428	5.4952	7.1168	1.00000
500	2.9583	4.1390	3.7116	4.5588	6.893	7.9718	10.2943	1.00000

S/R= 15.6								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.5994	2.4701	2.5803	4.4355	1.534	1.0144	1.9023	1.00000
300	2.8047	3.3810	3.1638	4.7338	3.565	3.4225	4.8607	1.00000
400	2.8677	3.7403	3.4178	5.1292	5.148	4.9404	6.5423	1.00000
500	2.9413	4.0815	3.6747	4.3203	6.392	7.2336	9.4554	1.00000
600	2.9989	4.3070	3.8598	3.9176	7.539	9.2461	12.0685	1.00000

S/R= 15.8								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.5659	2.4016	2.5926	4.1633	1.432	0.9414	1.9569	1.00000
300	2.7815	3.2992	3.1298	4.4976	3.264	3.0260	4.4945	1.00000
400	2.8484	3.6694	3.3822	5.0656	4.846	4.4316	6.0277	1.00000
500	2.9239	4.0205	3.6378	4.4155	6.148	6.5476	8.6860	1.00000
600	2.9807	4.2534	3.8217	4.1017	7.355	8.4053	11.0560	1.00000

S/R= 16.0								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.5284	2.3375	2.6069	3.8594	1.337	0.8858	2.0225	1.00000
300	2.7561	3.2162	3.0980	4.2050	2.968	2.6708	4.1771	1.00000
400	2.8277	3.5964	3.3479	4.9430	4.529	3.9672	5.5692	1.00000
500	2.9058	3.9562	3.6012	4.4578	5.870	5.9121	7.9847	1.00000
600	2.9623	4.1962	3.7838	4.2446	7.125	7.6235	10.1307	1.00000

S/R= 16.2								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.4870	2.2770	2.6228	3.5466	1.253	0.8459	2.0980	1.00000
300	2.7282	3.1324	3.0688	3.9070	2.687	2.3555	3.9051	1.00000
400	2.8056	3.5217	3.3150	4.7714	4.207	3.5455	5.1631	1.00000
500	2.8867	3.8889	3.5652	4.4490	5.566	5.3256	7.3490	1.00000
600	2.9435	4.1355	3.7461	4.3407	6.855	6.8989	9.2890	1.00000

S/R= 16.4								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.4420	2.2194	2.6399	3.2413	1.179	0.8195	2.1823	1.00000
300	2.6976	3.0481	3.0424	3.6095	2.426	2.0789	3.6753	1.00000
400	2.7817	3.4455	3.2838	4.5622	3.886	3.1650	4.8055	1.00000
500	2.8666	3.8189	3.5299	4.3929	5.243	4.7864	6.7759	1.00000
600	2.9242	4.0717	3.7089	4.1102	6.338	6.2292	8.5268	1.00000

S/R= 16.4								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
700	2.9823	4.2944	3.8775	3.8350	7.463	7.9337	10.7739	1.00000

S/R= 16.6								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.3935	2.1640	2.6578	2.9545	1.115	0.8049	2.2741	1.00000
300	2.6642	2.9637	3.0193	3.3236	2.190	1.8397	3.4852	1.00000
400	2.7559	3.3683	3.2546	4.3260	3.575	2.8239	4.4931	1.00000
500	2.8452	3.7466	3.4957	4.2953	4.910	4.2928	6.2618	1.00000
600	2.9041	4.0050	3.6724	4.1602	6.053	5.6126	7.8395	1.00000
700	2.9621	4.2329	3.8386	3.9320	7.185	7.1725	9.8513	1.00000

S/R= 16.8								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.3418	2.1101	2.6761	2.6929	1.061	0.8000	2.3717	1.00000
300	2.6277	2.8797	2.9999	3.0563	1.981	1.6368	3.3324	1.00000
400	2.7280	3.2903	3.2276	4.0724	3.277	2.5206	4.2225	1.00000
500	2.8223	3.6722	3.4626	4.1627	4.574	3.8434	5.8033	1.00000
600	2.8831	3.9358	3.6368	4.1647	5.743	5.0471	7.2222	1.00000
700	2.9414	4.1685	3.8004	3.8140	6.721	6.4707	9.0224	1.00000
800	2.9944	4.3603	3.9440	3.6225	7.744	7.9139	10.9875	1.00000

S/R= 17.0								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.2872	2.0570	2.6943	2.4634	1.017	0.8030	2.4733	1.00000
300	2.5875	2.7967	2.9853	2.8119	1.802	1.4720	3.2223	1.00000
400	2.6979	3.2117	3.2031	3.8028	2.994	2.2535	3.9908	1.00000
500	2.7977	3.5961	3.4311	4.0024	4.241	3.4363	5.3965	1.00000
600	2.8609	3.8644	3.6023	4.1255	5.415	4.5305	6.6701	1.00000
700	2.9202	4.1014	3.7631	3.8686	6.423	5.8260	8.2799	1.00000
800	2.9726	4.2963	3.9037	3.7189	7.453	7.1406	10.0137	1.00000

S/R= 17.2								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.2297	2.0040	2.7121	2.2691	0.982	0.8118	2.5766	1.00000
300	2.5431	2.7151	2.9766	2.5923	1.655	1.3465	3.1584	1.00000
400	2.6652	3.1330	3.1813	3.5226	2.729	2.0209	3.7956	1.00000
500	2.7712	3.5185	3.4013	3.8213	3.917	3.0701	5.0383	1.00000
600	2.8374	3.7909	3.5690	4.0464	5.078	4.0609	6.1782	1.00000
700	2.8981	4.0319	3.7269	3.8845	6.102	5.2360	7.6168	1.00000
800	2.9504	4.2296	3.8644	3.7813	7.132	6.4303	9.1485	1.00000

S/R= 17.4								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.1698	1.9502	2.7288	2.1019	0.952	0.8237	2.6774	1.00000
300	2.4955	2.6348	2.9710	2.3995	1.533	1.2480	3.1183	1.00000
400	2.6300	3.0544	3.1625	3.2579	2.491	1.8213	3.6346	1.00000
500	2.7426	3.4398	3.3733	3.6260	3.606	2.7430	4.7247	1.00000
600	2.8124	3.7156	3.5372	3.9330	4.737	3.6362	5.7420	1.00000
700	2.8749	3.9601	3.6918	3.8623	5.763	4.6984	7.0262	1.00000
800	2.9276	4.1607	3.8264	3.6742	6.666	5.7803	8.3810	1.00000

S/R= 17.4								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
900	2.9787	4.3413	3.9537	3.5367	7.617	6.9698	9.9882	1.00000
S/R= 17.6								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.1076	1.8950	2.7441	1.9606	0.927	0.8373	2.7736	1.00000
300	2.4447	2.5561	2.9682	2.2333	1.433	1.1727	3.0983	1.00000
400	2.5918	2.9764	3.1475	3.0116	2.283	1.6545	3.5107	1.00000
500	2.7118	3.3602	3.3476	3.4183	3.311	2.4534	4.4531	1.00000
600	2.7856	3.6390	3.5071	3.7915	4.400	3.2544	5.3570	1.00000
700	2.8506	3.8864	3.6581	3.8045	5.415	4.2106	6.5018	1.00000
800	2.9040	4.0896	3.7896	3.6951	6.333	5.1878	7.7011	1.00000
900	2.9549	4.2720	3.9136	3.5877	7.273	6.2642	9.1076	1.00000
S/R= 17.8								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.0429	1.8382	2.7582	1.8435	0.907	0.8525	2.8650	1.00000
300	2.3907	2.4794	2.9679	2.0932	1.354	1.1163	3.0957	1.00000
400	2.5501	2.8998	3.1375	2.7832	2.105	1.5223	3.4311	1.00000
500	2.6784	3.2802	3.3243	3.1968	3.032	2.1998	4.2204	1.00000
600	2.7569	3.5611	3.4788	3.6283	4.073	2.9135	5.0193	1.00000
700	2.8248	3.8111	3.6260	3.7151	5.064	3.7705	6.0376	1.00000
800	2.8795	4.0166	3.7543	3.6821	5.985	4.6501	7.0999	1.00000
900	2.9306	4.2007	3.8751	3.4889	6.794	5.6212	8.3335	1.00000
1000	2.9828	4.3770	3.9962	3.3734	7.721	6.7584	9.9133	1.00000
S/R= 18.0								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	1.9760	1.7792	2.7707	1.7533	0.892	0.8682	2.9492	1.00000
300	2.3334	2.4059	2.9697	1.9728	1.289	1.0742	3.1088	1.00000
400	2.5055	2.8238	3.1302	2.5691	1.950	1.4148	3.3739	1.00000
500	2.6424	3.1999	3.3037	2.9840	2.780	1.9804	4.0244	1.00000
600	2.7262	3.4824	3.4526	3.4495	3.760	2.6115	4.7253	1.00000
700	2.7974	3.7343	3.5955	3.5992	4.716	3.3756	5.6286	1.00000
800	2.8539	3.9419	3.7206	3.6366	5.629	4.1645	6.5694	1.00000
900	2.9055	4.1277	3.8381	3.5004	6.442	5.0376	7.6533	1.00000
1000	2.9577	4.3053	3.9558	3.4072	7.351	6.0655	9.0323	1.00000
S/R= 18.2								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	1.9068	1.7176	2.7817	1.6816	0.881	0.8834	3.0244	1.00000
300	2.2731	2.3335	2.9730	1.8704	1.238	1.0449	3.1324	1.00000
400	2.4580	2.7485	3.1252	2.3789	1.818	1.3287	3.3356	1.00000
500	2.6036	3.1197	3.2859	2.7834	2.555	1.7937	3.8631	1.00000
600	2.6931	3.4030	3.4286	3.2608	3.465	2.3464	4.4716	1.00000
700	2.7681	3.6563	3.5669	3.4617	4.377	3.0235	5.2697	1.00000
800	2.8268	3.8657	3.6886	3.5615	5.270	3.7282	6.1022	1.00000
900	2.8795	4.0531	3.8028	3.4824	6.080	4.5105	7.0561	1.00000
1000	2.9320	4.2320	3.9171	3.3414	6.892	5.4361	8.2632	1.00000
1100	2.9828	4.3980	4.0280	3.2674	7.790	6.4562	9.6953	1.00000

S/R= 18.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	1.8354	1.6534	2.7912	1.6241	0.873	0.8982	3.0918	1.00000
300	2.2100	2.2618	2.9772	1.7838	1.198	1.0256	3.1529	1.00000
400	2.4075	2.6739	3.1223	2.2190	1.710	1.2606	3.3133	1.00000
500	2.5611	3.0409	3.2731	2.5968	2.363	1.6447	3.7506	1.00000
600	2.6576	3.3233	3.4071	3.0522	3.183	2.1160	4.2554	1.00000
700	2.7369	3.5773	3.5403	3.3081	4.052	2.7118	4.9566	1.00000
800	2.7981	3.7883	3.6584	3.4606	4.916	3.3385	5.6923	1.00000
900	2.8524	3.9771	3.7693	3.4360	5.713	4.0366	6.5322	1.00000
1000	2.9055	4.1573	3.8803	3.3400	6.520	4.8671	7.5914	1.00000
1100	2.9563	4.3242	3.9877	3.2864	7.397	5.7872	8.8372	1.00000

S/R= 18.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	1.7617	1.5863	2.7995	1.5779	0.868	0.9119	3.1510	1.00000
300	2.1443	2.1899	2.9815	1.7136	1.166	1.0114	3.1943	1.00000
400	2.3539	2.6012	3.1213	2.0805	1.620	1.2054	3.3055	1.00000
500	2.5155	2.9624	3.2630	2.4202	2.195	1.5229	3.6645	1.00000
600	2.6193	3.2435	3.3882	2.8495	2.929	1.9184	4.0744	1.00000
700	2.7034	3.4977	3.5159	3.1430	3.745	2.4383	4.6855	1.00000
800	2.7677	3.7099	3.6301	3.3385	4.572	2.9926	5.3337	1.00000
900	2.8239	3.8999	3.7377	3.3634	5.348	3.6130	6.0734	1.00000
1000	2.8781	4.0812	3.8454	3.3127	6.142	4.3550	7.0049	1.00000
1100	2.9292	4.2490	3.9494	3.2415	6.951	5.1818	8.0918	1.00000
1200	2.9767	4.4009	4.0482	3.1989	7.790	6.0447	9.3118	1.00000

S/R= 18.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.9613	0.4936	2.5130	1.4116	0.586	0.9306	3.2583	1.00000
200	1.6858	1.5163	2.8065	1.4570	0.839	0.9244	3.2023	1.00000
300	2.0760	2.1178	2.9859	1.6558	1.141	1.0022	3.2269	1.00000
400	2.2974	2.5290	3.1217	1.9611	1.544	1.1623	3.3083	1.00000
500	2.4669	2.8843	3.2552	2.2653	2.054	1.4240	3.5992	1.00000
600	2.5780	3.1646	3.3732	2.6587	2.706	1.7548	3.9355	1.00000
700	2.6675	3.4176	3.4938	2.9624	3.454	2.2004	4.4533	1.00000
800	2.7353	3.6306	3.6040	3.1997	4.242	2.6878	5.0218	1.00000
900	2.7938	3.8216	3.7080	3.2683	4.990	3.2365	5.6727	1.00000
1000	2.8496	4.0041	3.8124	3.2607	5.764	3.8966	6.4928	1.00000
1100	2.9014	4.1727	3.9132	3.2281	6.561	4.6365	7.4440	1.00000
1200	2.9490	4.3251	4.0088	3.1674	7.335	5.4134	8.5043	1.00000
1300	2.9935	4.4643	4.0997	3.1292	8.130	6.2134	9.6765	1.00000

S/R= 19.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.8781	0.4162	2.5174	1.4077	0.589	0.9430	3.2913	1.00000
200	1.6082	1.4440	2.8125	1.4447	0.841	0.9356	3.2467	1.00000
300	2.0055	2.0449	2.9903	1.6081	1.122	0.9970	3.2596	1.00000
400	2.2380	2.4567	3.1230	1.8593	1.482	1.1292	3.3184	1.00000
500	2.4151	2.8066	3.2494	2.1314	1.936	1.3444	3.5514	1.00000
600	2.5335	3.0865	3.3616	2.4821	2.513	1.6212	3.8320	1.00000
700	2.6290	3.3374	3.4742	2.7763	3.185	1.9959	4.2570	1.00000
800	2.7007	3.5507	3.5800	3.0488	3.930	2.4213	4.7523	1.00000
900	2.7619	3.7425	3.6805	3.1543	4.643	2.9042	5.3237	1.00000

S/R= 19.0								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1000	2.8196	3.9259	3.7815	3.1862	5.391	3.4886	6.0465	1.00000
1100	2.8726	4.0953	3.8790	3.1919	6.171	4.1477	6.8806	1.00000
1200	2.9206	4.2483	3.9716	3.1619	6.933	4.8443	7.8053	1.00000
1300	2.9651	4.3879	4.0595	3.1368	7.704	5.5663	8.8213	1.00000

S/R= 19.2								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.7932	0.3357	2.5205	1.4044	0.592	0.9528	3.3148	1.00000
200	1.5294	1.3697	2.8176	1.4346	0.842	0.9455	3.2850	1.00000
300	1.9327	1.9705	2.9942	1.5691	1.106	0.9934	3.2892	1.00000
400	2.1757	2.3839	3.1248	1.7769	1.432	1.1027	3.3319	1.00000
500	2.3600	2.7298	3.2454	2.0135	1.835	1.2791	3.5188	1.00000
600	2.4859	3.0084	3.3522	2.3193	2.345	1.5112	3.7504	1.00000
700	2.5875	3.2575	3.4578	2.5992	2.946	1.8236	4.0989	1.00000
800	2.6637	3.4704	3.5584	2.8845	3.636	2.1904	4.5214	1.00000
900	2.7280	3.6627	3.6550	3.0255	4.313	2.6128	5.0211	1.00000
1000	2.7881	3.8469	3.7527	3.0922	5.029	3.1275	5.6579	1.00000
1100	2.8426	4.0170	3.8469	3.1343	5.785	3.7119	6.3907	1.00000
1200	2.8914	4.1706	3.9365	3.1358	6.530	4.3338	7.1995	1.00000
1300	2.9362	4.3105	4.0215	3.0953	7.241	4.9826	8.0835	1.00000
1400	2.9798	4.4441	4.1050	3.0650	7.989	5.6884	9.0958	1.00000

S/R= 19.4								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.7072	0.2533	2.5227	1.4017	0.593	0.9606	3.3319	1.00000
200	1.4494	1.2936	2.8219	1.4266	0.844	0.9541	3.3178	1.00000
300	1.8580	1.8950	2.9978	1.5370	1.093	0.9917	3.3166	1.00000
400	2.1106	2.3100	3.1266	1.7091	1.390	1.0804	3.3460	1.00000
500	2.3017	2.6534	3.2428	1.9111	1.751	1.2264	3.4980	1.00000
600	2.4353	2.9305	3.3448	2.1784	2.204	1.4213	3.6871	1.00000
700	2.5427	3.1784	3.4450	2.4342	2.738	1.6821	3.9802	1.00000
800	2.6241	3.3900	3.5392	2.7076	3.359	1.9923	4.3263	1.00000
900	2.6919	3.5824	3.6319	2.8857	4.003	2.3593	4.7604	1.00000
1000	2.7548	3.7672	3.7260	2.9819	4.681	2.8102	5.3207	1.00000
1100	2.8111	3.9380	3.8170	3.0573	5.408	3.3257	5.9650	1.00000
1200	2.8611	4.0920	3.9036	3.0899	6.132	3.8781	6.6742	1.00000
1300	2.9064	4.2324	3.9859	3.0735	6.825	4.4586	7.4460	1.00000
1400	2.9503	4.3664	4.0665	3.0310	7.519	5.0944	8.3252	1.00000
1500	2.9929	4.4943	4.1456	3.0080	8.258	5.7804	9.3223	0.99885

S/R= 19.6								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.6210	0.1700	2.5245	1.3996	0.595	0.9670	3.3460	1.00000
200	1.3683	1.2158	2.8255	1.4204	0.845	0.9615	3.3456	1.00000
300	1.7814	1.8183	3.0011	1.5109	1.084	0.9911	3.3415	1.00000
400	2.0429	2.2352	3.1286	1.6527	1.356	1.0631	3.3616	1.00000
500	2.2404	2.5768	3.2413	1.8241	1.681	1.1846	3.4858	1.00000
600	2.3814	2.8526	3.3391	2.0531	2.083	1.3468	3.6389	1.00000
700	2.4950	3.0995	3.4345	2.2859	2.559	1.5648	3.8849	1.00000
800	2.5815	3.3099	3.5232	2.5392	3.114	1.8253	4.1698	1.00000
900	2.6534	3.5018	3.6111	2.7314	3.710	2.1407	4.5377	1.00000
1000	2.7195	3.6869	3.7015	2.8589	4.352	2.5332	5.0292	1.00000

S/R= 19.6								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1100	2.7781	3.8582	3.7893	2.9633	5.045	2.9856	5.5957	1.00000
1200	2.8294	4.0128	3.8729	3.0256	5.743	3.4737	6.2186	1.00000
1300	2.8757	4.1536	3.9524	3.0338	6.415	3.9906	6.8944	1.00000
1400	2.9202	4.2880	4.0304	3.0098	7.089	4.5606	7.6607	1.00000
1500	2.9630	4.4163	4.1068	2.9954	7.801	5.1801	8.5255	0.99889

S/R= 19.8								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.5358	0.0875	2.5266	1.3981	0.596	0.9730	3.3523	1.00000
200	1.2862	1.1366	2.8286	1.4155	0.846	0.9679	3.3693	1.00000
300	1.7034	1.7403	3.0039	1.4898	1.076	0.9912	3.3634	1.00000
400	1.9727	2.1594	3.1306	1.6060	1.328	1.0496	3.3773	1.00000
500	2.1761	2.4995	3.2404	1.7515	1.623	1.1501	3.4785	1.00000
600	2.3241	2.7748	3.3348	1.9435	1.979	1.2841	3.6028	1.00000
700	2.4442	3.0205	3.4259	2.1534	2.406	1.4683	3.8091	1.00000
800	2.5356	3.2304	3.5104	2.3829	2.900	1.6865	4.0487	1.00000
900	2.6123	3.4211	3.5927	2.5687	3.437	1.9539	4.3500	1.00000
1000	2.6819	3.6063	3.6793	2.7266	4.044	2.2934	4.7788	1.00000
1100	2.7432	3.7779	3.7637	2.8555	4.699	2.6879	5.2762	1.00000
1200	2.7963	3.9329	3.8444	2.9446	5.367	3.1171	5.8239	1.00000
1300	2.8438	4.0741	3.9213	2.9769	6.015	3.5749	6.4170	1.00000
1400	2.8890	4.2089	3.9966	2.9719	6.666	4.0835	7.0868	1.00000
1500	2.9325	4.3376	4.0704	2.9703	7.353	4.6404	7.8395	0.99893
1600	2.9714	4.4535	4.1396	2.9748	8.036	5.1884	8.6192	0.99862

S/R= 20.0								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.4516	0.0058	2.5290	1.3973	0.598	0.9785	3.3807	1.00000
200	1.2033	1.0562	2.8311	1.4120	0.848	0.9733	3.3892	1.00000
300	1.6239	1.6611	3.0064	1.4728	1.070	0.9918	3.3826	1.00000
400	1.9000	2.0823	3.1325	1.5670	1.305	1.0390	3.3920	1.00000
500	2.1090	2.4211	3.2398	1.6897	1.574	1.1208	3.4737	1.00000
600	2.2637	2.6968	3.3316	1.8498	1.892	1.2331	3.5768	1.00000
700	2.3904	2.9416	3.4191	2.0347	2.274	1.3883	3.7497	1.00000
800	2.4869	3.1509	3.4997	2.2474	2.718	1.5711	3.9505	1.00000
900	2.5680	3.3408	3.5777	2.4141	3.195	1.7962	4.2017	1.00000
1000	2.6420	3.5253	3.6595	2.5775	3.751	2.0872	4.5655	1.00000
1100	2.7062	3.6972	3.7404	2.7369	4.373	2.4294	5.0010	1.00000
1200	2.7615	3.8525	3.8182	2.8494	5.008	2.8045	5.4825	1.00000
1300	2.8104	3.9940	3.8924	2.9044	5.628	3.2078	6.0038	1.00000
1400	2.8568	4.1292	3.9651	2.9184	6.253	3.6593	6.5908	1.00000
1500	2.9010	4.2584	4.0363	2.9334	6.916	4.1573	7.2478	0.99898
1600	2.9405	4.3747	4.1032	2.9419	7.567	4.6513	7.9271	0.99867
1700	2.9779	4.4845	4.1684	2.9368	8.212	5.1660	8.6690	0.99859

S/R= 20.2								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.3692	-0.0746	2.5318	1.3981	0.599	0.9829	3.4024	1.00000
200	1.1197	0.9747	2.8333	1.4099	0.849	0.9781	3.4062	1.00000
300	1.5433	1.5807	3.0085	1.4590	1.066	0.9925	3.3991	1.00000
400	1.8253	2.0042	3.1343	1.5351	1.287	1.0310	3.4060	1.00000
500	2.0393	2.3422	3.2396	1.6374	1.533	1.0971	3.4721	1.00000

S/R= 20.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
600	2.2904	2.6183	3.3294	1.7720	1.820	1.1918	3.5584	1.00000
700	2.3331	2.8628	3.4137	1.9298	2.160	1.3201	3.7036	1.00000
800	2.4352	3.0715	3.4910	2.1223	2.560	1.4757	3.8717	1.00000
900	2.5206	3.2607	3.5552	2.2712	2.982	1.6641	4.0829	1.00000
1000	2.5994	3.4443	3.6421	2.4275	3.483	1.9115	4.3862	1.00000
1100	2.6670	3.6161	3.7195	2.6101	4.070	2.2064	4.7653	1.00000
1200	2.7248	3.7716	3.7942	2.7426	4.668	2.5324	5.1880	1.00000
1300	2.7755	3.9135	3.8657	2.8181	5.258	2.8857	5.6465	1.00000
1400	2.8232	4.0490	3.9358	2.8505	5.854	3.2842	6.1618	1.00000
1500	2.8685	4.1787	4.0045	2.8821	6.491	3.7272	6.7368	0.99902
1600	2.9087	4.2954	4.0693	2.9052	7.120	4.1703	7.3305	0.99872
1700	2.9466	4.4057	4.1324	2.9054	7.738	4.6353	7.9784	0.99859
1800	2.9826	4.5101	4.1936	2.9045	8.365	5.1185	8.5769	0.99838

S/R= 20.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.2886	-0.1537	2.5349	1.4004	0.601	0.9861	3.4272	1.00000
200	1.0355	0.8923	2.8351	1.4093	0.851	0.9821	3.4204	1.00000
300	1.4616	1.4994	3.0103	1.4477	1.062	0.9933	3.4131	1.00000
400	1.7489	1.9250	3.1359	1.5091	1.272	1.0244	3.4185	1.00000
500	1.9673	2.2626	3.2397	1.5943	1.499	1.0782	3.4730	1.00000
600	2.1340	2.5390	3.3276	1.7055	1.759	1.1565	3.5438	1.00000
700	2.2730	2.7839	3.4096	1.8391	2.063	1.2642	3.6686	1.00000
800	2.3804	2.9921	3.4839	2.0100	2.423	1.3960	3.8091	1.00000
900	2.4704	3.1806	3.5548	2.1486	2.803	1.5541	3.9861	1.00000
1000	2.5533	3.3637	3.6280	2.2861	3.246	1.7622	4.2460	1.00000
1100	2.6253	3.5349	3.7008	2.4652	3.780	2.0154	4.5652	1.00000
1200	2.6859	3.6905	3.7725	2.6268	4.351	2.2972	4.9351	1.00000
1300	2.7387	3.8326	3.8413	2.7204	4.908	2.6049	5.3383	1.00000
1400	2.7881	3.9684	3.9089	2.7698	5.474	2.9546	5.7910	1.00000
1500	2.8347	4.0985	3.9751	2.8175	6.082	3.3465	6.2951	0.99907
1600	2.8758	4.2156	4.0375	2.8551	6.686	3.7417	6.8153	0.99878
1700	2.9145	4.3264	4.0987	2.8664	7.280	4.1597	7.3828	0.99861
1800	2.9511	4.4314	4.1581	2.8730	7.885	4.5973	7.9943	0.99842
1900	2.9857	4.5310	4.2160	2.8755	8.494	5.0505	8.6543	0.99780

S/R= 20.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.2074	-0.2337	2.5376	1.4027	0.602	0.9886	3.4486	1.00000
200	0.9509	0.8091	2.8366	1.4091	0.852	0.9853	3.4319	1.00000
300	1.3791	1.4172	3.0118	1.4384	1.059	0.9942	3.4252	1.00000
400	1.6709	1.8448	3.1373	1.4882	1.260	1.0192	3.4299	1.00000
500	1.8933	2.1825	3.2400	1.5585	1.472	1.0631	3.4754	1.00000
600	2.0651	2.4591	3.3264	1.6486	1.708	1.1278	3.5339	1.00000
700	2.2100	2.7046	3.4065	1.7632	1.983	1.2186	3.6425	1.00000
800	2.3224	2.9128	3.4783	1.9108	2.304	1.3284	3.7600	1.00000
900	2.4172	3.1006	3.5462	2.0332	2.646	1.4630	3.9081	1.00000
1000	2.5045	3.2831	3.6160	2.1596	3.041	1.6370	4.1307	1.00000
1100	2.5808	3.4538	3.6849	2.3257	3.520	1.8522	4.4008	1.00000
1200	2.6447	3.6091	3.7531	2.4988	4.053	2.0951	4.7194	1.00000
1300	2.6998	3.7513	3.8192	2.6135	4.581	2.3616	5.0732	1.00000
1400	2.7512	3.8874	3.8842	2.6784	5.114	2.6667	5.4709	1.00000
1500	2.7993	4.0178	3.9479	2.7410	5.690	3.0115	5.9133	0.99912



S/R= 20.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1600	2.8416	4.1353	4.0083	2.7928	6.268	3.3620	6.3700	0.99884
1700	2.8813	4.2466	4.0673	2.8151	6.837	3.7357	6.8584	0.99864
1800	2.9187	4.3523	4.1248	2.8307	7.418	4.1299	7.4050	0.99847
1900	2.9540	4.4526	4.1810	2.8432	8.009	4.5411	7.9848	0.99788
2000	2.9875	4.5478	4.2359	2.8493	8.603	4.9671	8.6069	0.99767

S/R= 20.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.1223	-0.3179	2.5388	1.4030	0.603	0.9907	3.4574	1.00000
200	0.8657	0.7251	2.8378	1.4079	0.853	0.9879	3.4413	1.00000
300	1.2959	1.3344	3.0131	1.4310	1.057	0.9950	3.4355	1.00000
400	1.5915	1.7637	3.1386	1.4713	1.250	1.0152	3.4399	1.00000
500	1.8174	2.1017	3.2404	1.5286	1.450	1.0513	3.4789	1.00000
600	1.9939	2.3789	3.3257	1.6006	1.666	1.1046	3.5278	1.00000
700	2.1443	2.6250	3.4041	1.6982	1.915	1.1800	3.6226	1.00000
800	2.2615	2.8332	3.4739	1.8274	2.206	1.2728	3.7219	1.00000
900	2.3609	3.0208	3.5392	1.9301	2.509	1.3861	3.8460	1.00000
1000	2.4528	3.2026	3.6060	2.0443	2.862	1.5327	4.0367	1.00000
1100	2.5331	3.3728	3.6717	2.1950	3.289	1.7136	4.2690	1.00000
1200	2.6009	3.5276	3.7360	2.3633	3.776	1.9226	4.5374	1.00000
1300	2.6588	3.6698	3.7994	2.4997	4.277	2.1523	4.8466	1.00000
1400	2.7123	3.8060	3.8618	2.5782	4.776	2.4169	5.1954	1.00000
1500	2.7623	3.9368	3.9230	2.6544	5.320	2.7184	5.5837	0.99917
1600	2.8060	4.0547	3.9812	2.7195	5.869	3.0275	5.9851	0.99890
1700	2.8468	4.1665	4.0382	2.7528	6.412	3.3597	6.4237	0.99869
1800	2.8852	4.2727	4.0939	2.7775	6.967	3.7128	6.8957	0.99853
1900	2.9214	4.3736	4.1484	2.7975	7.534	4.0840	7.4063	0.99796
2000	2.9556	4.4698	4.2017	2.8158	8.115	4.4712	7.9548	0.99775
2100	2.9879	4.5608	4.2535	2.8250	8.692	4.8697	8.5360	0.99745

S/R= 21.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.0357	-0.4038	2.5392	1.4026	0.603	0.9923	3.4607	1.00000
200	0.7804	0.6407	2.8387	1.4066	0.853	0.9901	3.4490	1.00000
300	1.2121	1.2510	3.0142	1.4251	1.055	0.9958	3.4443	1.00000
400	1.5109	1.6818	3.1397	1.4574	1.242	1.0121	3.4487	1.00000
500	1.7399	2.0201	3.2408	1.5037	1.431	1.0416	3.4823	1.00000
600	1.9210	2.2984	3.3253	1.5608	1.631	1.0856	3.5248	1.00000
700	2.0760	2.5448	3.4023	1.6431	1.858	1.1482	3.6077	1.00000
800	2.1978	2.7533	3.4704	1.7560	2.123	1.2270	3.6925	1.00000
900	2.3016	2.9410	3.5337	1.8398	2.392	1.3217	3.7970	1.00000
1000	2.3983	3.1222	3.5978	1.9385	2.708	1.4463	3.9609	1.00000
1100	2.4826	3.2918	3.6605	2.0820	3.093	1.5973	4.1603	1.00000
1200	2.5540	3.4463	3.7219	2.2339	3.526	1.7740	4.3923	1.00000
1300	2.6153	3.5882	3.7818	2.3711	3.988	1.9732	4.6543	1.00000
1400	2.6713	3.7244	3.8415	2.4713	4.463	2.2015	4.9593	1.00000
1500	2.7234	3.8554	3.9003	2.5595	4.973	2.4636	5.2997	0.99922
1600	2.7687	3.9737	3.9564	2.6367	5.493	2.7346	5.6526	0.99896
1700	2.8108	4.0859	4.0114	2.6805	6.007	3.0281	6.0389	0.99875
1800	2.8503	4.1926	4.0652	2.7143	6.535	3.3426	6.4549	0.99858
1900	2.8876	4.2942	4.1180	2.7420	7.076	3.6758	6.9056	0.99804
2000	2.9227	4.3911	4.1697	2.7668	7.633	4.0260	7.3903	0.99783
2100	2.9559	4.4832	4.2201	2.7910	8.202	4.3888	7.9044	0.99754

S/R= 21.0								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2200	2.9869	4.5702	4.2690	2.8035	8.762	4.7599	8.4449	0.99715

S/R= 21.2								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.3510	-0.4900	2.5394	1.4024	0.604	0.9935	3.4629	1.00000
200	0.6948	0.5560	2.8395	1.4056	0.854	0.9920	3.4555	1.00000
300	1.1278	1.1670	3.0151	1.4204	1.054	0.9965	3.4515	1.00000
400	1.4292	1.5991	3.1407	1.4461	1.236	1.0098	3.4563	1.00000
500	1.6608	1.9378	3.2413	1.4831	1.416	1.0337	3.4857	1.00000
600	1.8461	2.2174	3.3252	1.5279	1.602	1.0703	3.5237	1.00000
700	2.0052	2.4639	3.4010	1.5962	1.811	1.1222	3.5966	1.00000
800	2.1315	2.6730	3.4676	1.6937	2.051	1.1876	3.6689	1.00000
900	2.2396	2.8610	3.5293	1.7664	2.296	1.2686	3.7587	1.00000
1000	2.3406	3.0422	3.5912	1.8450	2.574	1.3731	3.9008	1.00000
1100	2.4293	3.2109	3.6511	1.9717	2.917	1.5006	4.0715	1.00000
1200	2.5043	3.3650	3.7098	2.1179	3.310	1.6488	4.2721	1.00000
1300	2.5689	3.5066	3.7669	2.2456	3.726	1.8188	4.4973	1.00000
1400	2.6279	3.6427	3.8236	2.3537	4.169	2.0168	4.7584	1.00000
1500	2.6824	3.7738	3.8799	2.4581	4.651	2.2434	5.0558	0.99928
1600	2.7295	3.8923	3.9338	2.5461	5.140	2.4796	5.3658	0.99903
1700	2.7732	4.0049	3.9868	2.5996	5.624	2.7374	5.7063	0.99882
1800	2.8140	4.1121	4.0387	2.6422	6.124	3.0159	6.0732	0.99864
1900	2.8524	4.2143	4.0898	2.6775	6.639	3.3131	6.4716	0.99813
2000	2.8887	4.3120	4.1399	2.7088	7.169	3.6280	6.9008	0.99792
2100	2.9228	4.4049	4.1889	2.7387	7.714	3.9566	7.3566	0.99763
2200	2.9548	4.4929	4.2366	2.7672	8.269	4.2951	7.8366	0.99726
2300	2.9847	4.5763	4.2827	2.7815	8.811	4.6406	8.3367	0.99682

S/R= 21.4								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.1376	-0.5763	2.5397	1.4024	0.604	0.9943	3.4651	1.00000
200	0.6090	0.4709	2.8402	1.4049	0.854	0.9935	3.4609	1.00000
300	1.0431	1.0825	3.0159	1.4165	1.053	0.9972	3.4578	1.00000
400	1.3467	1.5158	3.1415	1.4369	1.231	1.0079	3.4628	1.00000
500	1.5806	1.8548	3.2417	1.4660	1.403	1.0274	3.4889	1.00000
600	1.7695	2.1356	3.3251	1.5012	1.578	1.0576	3.5234	1.00000
700	1.9316	2.3819	3.3998	1.5568	1.771	1.1004	3.5867	1.00000
800	2.0627	2.5921	3.4655	1.6387	1.990	1.1550	3.6507	1.00000
900	2.1749	2.7805	3.5257	1.7027	2.215	1.2239	3.7281	1.00000
1000	2.2801	2.9622	3.5858	1.7670	2.463	1.3126	3.8534	1.00000
1100	2.3728	3.1302	3.6434	1.8733	2.766	1.4198	3.9999	1.00000
1200	2.4517	3.2837	3.6996	2.0080	3.119	1.5440	4.1730	1.00000
1300	2.5197	3.4251	3.7543	2.1293	3.495	1.6872	4.3686	1.00000
1400	2.5819	3.5609	3.8081	2.2339	3.898	1.8579	4.5913	1.00000
1500	2.6391	3.6919	3.8616	2.3489	4.350	2.0542	4.8475	0.99933
1600	2.6882	3.8106	3.9133	2.4493	4.811	2.2589	5.1192	0.99910
1700	2.7337	3.9235	3.9644	2.5117	5.266	2.4840	5.4191	0.99889
1800	2.7761	4.0312	4.0144	2.5625	5.737	2.7290	5.7428	0.99870
1900	2.8159	4.1340	4.0638	2.6050	6.224	2.9927	6.0954	0.99822
2000	2.8532	4.2323	4.1123	2.6428	6.727	3.2741	6.4759	0.99801
2100	2.8885	4.3260	4.1599	2.6782	7.246	3.5701	6.8807	0.99772
2200	2.9215	4.4150	4.2062	2.7116	7.777	3.8771	7.3078	0.99737
2300	2.9524	4.4995	4.2512	2.7429	8.317	4.1926	7.7534	0.99694

S/R= 21.4								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2400	2.9814	4.5794	4.2949	2.7585	8.840	4.5141	8.2166	0.99650

S/R= 21.6								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.2242	-0.6626	2.5400	1.4024	0.604	0.9950	3.4671	1.00000
200	0.5229	0.3853	2.8407	1.4344	0.855	0.9948	3.4650	1.00000
300	0.9580	0.9977	3.0166	1.4133	1.052	0.9977	3.4630	1.00000
400	1.2635	1.4319	3.1422	1.4293	1.227	1.0064	3.4682	1.00000
500	1.4992	1.7713	3.2420	1.4516	1.393	1.0222	3.4918	1.00000
600	1.6912	2.0528	3.3251	1.4795	1.559	1.0468	3.5230	1.00000
700	1.8559	2.2991	3.3988	1.5238	1.738	1.0824	3.5786	1.00000
800	1.9915	2.5104	3.4637	1.5910	1.937	1.1277	3.6362	1.00000
900	2.1076	2.6995	3.5228	1.6474	2.144	1.1856	3.7032	1.00000
1000	2.2170	2.8820	3.5816	1.7027	2.371	1.2625	3.8160	1.00000
1100	2.3133	3.0497	3.6372	1.7885	2.637	1.3521	3.9426	1.00000
1200	2.3962	3.2023	3.6911	1.9042	2.950	1.4567	4.0918	1.00000
1300	2.4676	3.3434	3.7435	2.0230	3.293	1.5766	4.2617	1.00000
1400	2.5330	3.4791	3.7950	2.1197	3.655	1.7210	4.4548	1.00000
1500	2.5932	3.6098	3.8456	2.2339	4.071	1.8916	4.6718	0.99939
1600	2.6447	3.7286	3.8950	2.3468	4.507	2.0688	4.9081	0.99917
1700	2.6921	3.8418	3.9441	2.4181	4.934	2.2643	5.1718	0.99897
1800	2.7362	3.9499	3.9922	2.4764	5.375	2.4786	5.4571	0.99876
1900	2.7774	4.0532	4.0399	2.5260	5.833	2.7110	5.7692	0.99831
2000	2.8162	4.1521	4.0868	2.5698	6.308	2.9611	6.1068	0.99810
2100	2.8527	4.2466	4.1329	2.6105	6.800	3.2261	6.4667	0.99782
2200	2.8869	4.3364	4.1779	2.6485	7.306	3.5029	6.8472	0.99747
2300	2.9189	4.4219	4.2218	2.6841	7.821	3.7895	7.2449	0.99706
2400	2.9489	4.5030	4.2644	2.7176	8.345	4.0834	7.6592	0.99663
2500	2.9771	4.5801	4.3059	2.7344	8.853	4.3840	8.0907	0.99613

S/R= 21.8								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.3108	-0.7488	2.5403	1.4024	0.604	0.9958	3.4694	1.00000
200	0.4367	0.2995	2.8411	1.4339	0.855	0.9958	3.4683	1.00000
300	0.8726	0.9126	3.0171	1.4107	1.051	0.9983	3.4674	1.00000
400	1.1796	1.3475	3.1427	1.4232	1.223	1.0052	3.4727	1.00000
500	1.4170	1.6873	3.2423	1.4399	1.384	1.0180	3.4944	1.00000
600	1.6115	1.9694	3.3250	1.4614	1.543	1.0380	3.5229	1.00000
700	1.7784	2.2155	3.3980	1.4954	1.709	1.0676	3.5718	1.00000
800	1.9178	2.4275	3.4622	1.5504	1.892	1.1041	3.6234	1.00000
900	2.0381	2.6181	3.5206	1.5987	2.084	1.1537	3.6841	1.00000
1000	2.1517	2.8014	3.5782	1.6474	2.292	1.2191	3.7858	1.00000
1100	2.2511	2.9689	3.6321	1.7234	2.535	1.2961	3.8967	1.00000
1200	2.3373	3.1212	3.6841	1.8131	2.805	1.3831	4.0262	1.00000
1300	2.4125	3.2617	3.7344	1.9164	3.110	1.4842	4.1734	1.00000
1400	2.4813	3.3972	3.7837	2.0162	3.442	1.6054	4.3411	1.00000
1500	2.5445	3.5279	3.8321	2.1225	3.817	1.7504	4.5287	0.99945
1600	2.5987	3.6465	3.8789	2.2360	4.222	1.9057	4.7288	0.99924
1700	2.6483	3.7598	3.9259	2.3201	4.626	2.0747	4.9597	0.99905
1800	2.6943	3.8682	3.9722	2.3854	5.039	2.2612	5.2108	0.99883
1900	2.7372	3.9719	4.0181	2.4413	5.468	2.4649	5.4869	0.99841
2000	2.7775	4.0714	4.0634	2.4908	5.915	2.6856	5.7865	0.99819
2100	2.8153	4.1666	4.1080	2.5366	6.379	2.9215	6.1066	0.99792

S/R= 21.8								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2200	2.8508	4.2573	4.1517	2.5792	6.858	3.1697	6.4459	0.99759
2300	2.8840	4.3436	4.1943	2.6188	7.348	3.4284	6.8012	0.99718
2400	2.9151	4.4258	4.2359	2.6560	7.849	3.6957	7.1722	0.99677
2500	2.9444	4.5041	4.2764	2.6917	8.359	3.9708	7.5596	0.99628
2600	2.9719	4.5785	4.3158	2.7256	8.876	4.2509	7.9591	0.99563
2700	2.9976	4.6490	4.3543	2.7423	9.370	4.5344	8.3687	0.99477

S/R= 22.0								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.3974	-0.8350	2.5405	1.4023	0.605	0.9966	3.4715	1.00000
200	0.3504	0.2135	2.8415	1.4034	0.855	0.9966	3.4710	1.00000
300	0.7870	0.8271	3.0176	1.4086	1.051	0.9987	3.4709	1.00000
400	1.0952	1.2627	3.1432	1.4182	1.221	1.0043	3.4765	1.00000
500	1.3339	1.6028	3.2426	1.4307	1.378	1.0147	3.4967	1.00000
600	1.5305	1.8855	3.3250	1.4462	1.529	1.0310	3.5228	1.00000
700	1.6993	2.1313	3.3973	1.4715	1.686	1.0549	3.5660	1.00000
800	1.8422	2.3441	3.4610	1.5162	1.855	1.0845	3.6133	1.00000
900	1.9665	2.5363	3.5189	1.5561	2.032	1.1272	3.6696	1.00000
1000	2.0839	2.7202	3.5754	1.5991	2.223	1.1821	3.7614	1.00000
1100	2.1862	2.8877	3.6279	1.6681	2.448	1.2488	3.8592	1.00000
1200	2.2755	3.0399	3.6783	1.7413	2.688	1.3221	3.9728	1.00000
1300	2.3540	3.1799	3.7268	1.8216	2.951	1.4063	4.1010	1.00000
1400	2.4266	3.3150	3.7742	1.9118	3.249	1.5084	4.2466	1.00000
1500	2.4930	3.4457	3.8204	2.0213	3.596	1.6305	4.4088	0.99950
1600	2.5498	3.5642	3.8652	2.1277	3.962	1.7629	4.5821	0.99931
1700	2.6020	3.6775	3.9098	2.2134	4.337	1.9118	4.7791	0.99914
1800	2.6501	3.7862	3.9542	2.2907	4.728	2.0733	4.9992	0.99890
1900	2.6949	3.8903	3.9983	2.3523	5.129	2.2508	5.2430	0.99852
2000	2.7369	3.9903	4.0421	2.4071	5.547	2.4446	5.5087	0.99829
2100	2.7762	4.0860	4.0852	2.4576	5.984	2.6531	5.7934	0.99802
2200	2.8130	4.1774	4.1275	2.5045	6.435	2.8743	6.0961	0.99770
2300	2.8476	4.2647	4.1688	2.5479	6.900	3.1066	6.4137	0.99731
2400	2.8799	4.3479	4.2093	2.5886	7.375	3.3482	6.7461	0.99691
2500	2.9104	4.4273	4.2488	2.6276	7.862	3.5985	7.0942	0.99644
2600	2.9389	4.5029	4.2874	2.6651	8.358	3.8550	7.4540	0.99580
2700	2.9657	4.5747	4.3248	2.6998	8.858	4.1161	7.8236	0.99502
2800	2.9908	4.6430	4.3612	2.7167	9.335	4.3807	8.2039	0.99415

S/R= 22.2								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.4841	-0.9214	2.5408	1.4020	0.605	0.9974	3.4738	1.00000
200	0.2640	0.1274	2.8418	1.4030	0.855	0.9973	3.4734	1.00000
300	0.7011	0.7414	3.0179	1.4070	1.050	0.9991	3.4736	1.00000
400	1.0103	1.1775	3.1436	1.4141	1.218	1.0036	3.4795	1.00000
500	1.2502	1.5179	3.2429	1.4232	1.372	1.0120	3.4986	1.00000
600	1.4484	1.8010	3.3251	1.4336	1.519	1.0254	3.5230	1.00000
700	1.6190	2.0467	3.3967	1.4522	1.666	1.0446	3.5615	1.00000
800	1.7648	2.2605	3.4601	1.4875	1.824	1.0691	3.6061	1.00000
900	1.8931	2.4543	3.5176	1.5187	1.987	1.1050	3.6588	1.00000
1000	2.0136	2.6384	3.5731	1.5558	2.164	1.1512	3.7417	1.00000
1100	2.1190	2.8058	3.6243	1.6196	2.371	1.2071	3.8275	1.00000
1200	2.2110	2.9580	3.6735	1.6834	2.591	1.2711	3.9291	1.00000
1300	2.2925	3.0979	3.7205	1.7438	2.820	1.3413	4.0415	1.00000

S/R= 22.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1400	2.3685	3.2328	3.7661	1.8158	3.080	1.4267	4.1583	1.00000
1500	2.4386	3.3632	3.8105	1.9200	3.394	1.5295	4.3088	0.99956
1600	2.4982	3.4817	3.8534	2.0287	3.733	1.6415	4.4590	0.99938
1700	2.5529	3.5950	3.8960	2.1089	4.072	1.7689	4.6300	0.99921
1800	2.6035	3.7038	3.9382	2.1881	4.437	1.9115	4.8185	0.99897
1900	2.6503	3.8082	3.9806	2.2601	4.816	2.0655	5.0332	0.99862
2000	2.6941	3.9086	4.0227	2.3196	5.207	2.2346	5.2684	0.99840
2100	2.7351	4.0049	4.0643	2.3744	5.615	2.4179	5.5215	0.99813
2200	2.7735	4.0970	4.1052	2.4253	6.039	2.6138	5.7914	0.99782
2300	2.8094	4.1850	4.1453	2.4723	6.477	2.8211	6.0753	0.99744
2400	2.8431	4.2691	4.1846	2.5163	6.927	3.0382	6.3733	0.99705
2500	2.8748	4.3496	4.2231	2.5582	7.389	3.2647	6.6861	0.99660
2600	2.9045	4.4263	4.2607	2.5987	7.862	3.4982	7.0102	0.99597
2700	2.9324	4.4994	4.2973	2.6370	8.342	3.7374	7.3440	0.99527
2800	2.9587	4.5690	4.3330	2.6721	8.826	3.9812	7.6885	0.99450
2900	2.9833	4.6353	4.3677	2.6894	9.287	4.2286	8.0413	0.99330

S/R= 22.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.5709	-1.0079	2.5410	1.4018	0.605	0.9980	3.4757	1.00000
200	0.1776	0.0413	2.8421	1.4025	0.856	0.9978	3.4757	1.00000
300	0.6150	0.6554	3.0182	1.4057	1.050	0.9992	3.4758	1.00000
400	0.9251	1.0920	3.1439	1.4110	1.217	1.0030	3.4821	1.00000
500	1.1658	1.4326	3.2431	1.4170	1.368	1.0097	3.5001	1.00000
600	1.3656	1.7162	3.3251	1.4231	1.510	1.0207	3.5232	1.00000
700	1.5380	1.9622	3.3964	1.4374	1.651	1.0364	3.5592	1.00000
800	1.6860	2.1769	3.4596	1.4636	1.799	1.0572	3.6013	1.00000
900	1.8179	2.3719	3.5166	1.4865	1.950	1.0868	3.6509	1.00000
1000	1.9407	2.5554	3.5711	1.5183	2.113	1.1248	3.7244	1.00000
1100	2.0493	2.7232	3.6213	1.5744	2.304	1.1719	3.8014	1.00000
1200	2.1438	2.8752	3.6693	1.6336	2.507	1.2262	3.8912	1.00000
1300	2.2282	3.0154	3.7152	1.6825	2.713	1.2870	3.9923	1.00000
1400	2.3073	3.1502	3.7593	1.7344	2.936	1.3580	4.1035	1.00000
1500	2.3810	3.2806	3.8020	1.8232	3.214	1.4445	4.2256	0.99962
1600	2.4437	3.3989	3.8432	1.9308	3.526	1.5388	4.3559	0.99946
1700	2.5010	3.5122	3.8841	2.0127	3.839	1.6468	4.5047	0.99928
1800	2.5540	3.6210	3.9245	2.0873	4.169	1.7693	4.6685	0.99905
1900	2.6033	3.7257	3.9648	2.1612	4.523	1.9056	4.8536	0.99873
2000	2.6491	3.8265	4.0053	2.2294	4.892	2.0525	5.0613	0.99850
2100	2.6919	3.9233	4.0453	2.2883	5.273	2.2128	5.2859	0.99824
2200	2.7319	4.0160	4.0849	2.3428	5.670	2.3852	5.5263	0.99794
2300	2.7694	4.1047	4.1236	2.3930	6.081	2.5690	5.7799	0.99757
2400	2.8045	4.1896	4.1618	2.4398	6.504	2.7630	6.0470	0.99720
2500	2.8375	4.2710	4.1992	2.4844	6.941	2.9666	6.3282	0.99677
2600	2.8686	4.3488	4.2358	2.5276	7.390	3.1781	6.6203	0.99616
2700	2.8977	4.4230	4.2716	2.5687	7.848	3.3960	6.9217	0.99553
2800	2.9251	4.4940	4.3065	2.6073	8.312	3.6195	7.2338	0.99485
2900	2.9508	4.5616	4.3406	2.6399	8.776	3.8474	7.5542	0.99384
3000	2.9755	4.6272	4.3743	2.6716	9.252	4.0845	7.8920	0.99283
3100	2.9985	4.6889	4.4068	2.6907	9.707	4.3202	8.2302	0.99326

S/R= 22.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.6577	-1.0946	2.5412	1.4017	0.605	0.9984	3.4767	1.00000
200	0.0912	-0.0449	2.8424	1.4019	0.855	0.9981	3.4779	1.00000
300	0.5291	0.5692	3.0184	1.4047	1.049	0.9987	3.4776	1.00000
400	0.8395	1.0063	3.1442	1.4091	1.216	1.0026	3.4842	1.00000
500	1.0811	1.3470	3.2432	1.4118	1.364	1.0079	3.5014	1.00000
600	1.2821	1.6311	3.3251	1.4145	1.502	1.0169	3.5235	1.00000
700	1.4562	1.8776	3.3963	1.4257	1.639	1.0298	3.5580	1.00000
800	1.6060	2.0929	3.4591	1.4435	1.779	1.0476	3.5980	1.00000
900	1.7411	2.2890	3.5159	1.4595	1.918	1.0715	3.6448	1.00000
1000	1.8655	2.4716	3.5693	1.4865	2.071	1.1028	3.7096	1.00000
1100	1.9772	2.6399	3.6188	1.5338	2.245	1.1421	3.7795	1.00000
1200	2.0742	2.7913	3.6657	1.5891	2.434	1.1878	3.8593	1.00000
1300	2.1610	2.9319	3.7105	1.6305	2.622	1.2399	3.9498	1.00000
1400	2.2431	3.0671	3.7535	1.6700	2.820	1.3006	4.0495	1.00000
1500	2.3201	3.1977	3.7948	1.7398	3.061	1.3727	4.1565	0.99968
1600	2.3861	3.3160	3.8345	1.8340	3.338	1.4523	4.2700	0.99953
1700	2.4463	3.4292	3.8739	1.9181	3.628	1.5434	4.3996	0.99935
1800	2.5019	3.5380	3.9125	1.9938	3.932	1.6474	4.5421	0.99914
1900	2.5535	3.6428	3.9512	2.0638	4.254	1.7647	4.7038	0.99885
2000	2.6017	3.7439	3.9898	2.1336	4.599	1.8951	4.8837	0.99862
2100	2.6464	3.8411	4.0283	2.1999	4.958	2.0346	5.0824	0.99836
2200	2.6882	3.9343	4.0664	2.2577	5.328	2.1856	5.2963	0.99806
2300	2.7273	4.0237	4.1039	2.3109	5.712	2.3475	5.5225	0.99771
2400	2.7640	4.1094	4.1408	2.3602	6.109	2.5197	5.7617	0.99736
2500	2.7985	4.1916	4.1771	2.4072	6.521	2.7018	6.0144	0.99695
2600	2.8308	4.2704	4.2128	2.4527	6.945	2.8920	6.2776	0.99637
2700	2.8613	4.3457	4.2476	2.4962	7.379	3.0894	6.5497	0.99579
2800	2.8899	4.4178	4.2817	2.5372	7.822	3.2931	6.8325	0.99518
2900	2.9169	4.4867	4.3151	2.5732	8.267	3.5021	7.1235	0.99434
3000	2.9427	4.5537	4.3482	2.6089	8.726	3.7205	7.4311	0.99321
3100	2.9667	4.6169	4.3801	2.6449	9.190	3.9389	7.7398	0.99355
3200	2.9895	4.6774	4.4113	2.6606	9.625	4.1611	8.0560	0.99482

S/R= 22.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.7445	-1.1813	2.5412	1.4017	0.605	0.9985	3.4770	1.00000
200	0.0048	-0.1311	2.8426	1.4014	0.855	0.9983	3.4799	1.00000
300	0.4431	0.4829	3.0186	1.4038	1.048	0.9981	3.4792	1.00000
400	0.7537	0.9203	3.1444	1.4078	1.215	1.0022	3.4858	1.00000
500	0.9959	1.2612	3.2433	1.4075	1.361	1.0064	3.5024	1.00000
600	1.1980	1.5457	3.3252	1.4074	1.496	1.0137	3.5239	1.00000
700	1.3735	1.7926	3.3962	1.4150	1.629	1.0245	3.5571	1.00000
800	1.5250	2.0083	3.4588	1.4268	1.761	1.0391	3.5949	1.00000
900	1.6628	2.2054	3.5153	1.4385	1.893	1.0588	3.6400	1.00000
1000	1.7884	2.3872	3.5679	1.4598	2.035	1.0846	3.6972	1.00000
1100	1.9028	2.5557	3.6167	1.4983	2.194	1.1168	3.7508	1.00000
1200	2.0023	2.7078	3.6627	1.5489	2.370	1.1553	3.8327	1.00000
1300	2.0912	2.8476	3.7065	1.5854	2.542	1.1990	3.9131	1.00000
1400	2.1761	2.9832	3.7486	1.6157	2.721	1.2515	4.0034	1.00000
1500	2.2562	3.1143	3.7888	1.6735	2.935	1.3126	4.0989	0.99974
1600	2.3252	3.2328	3.8272	1.7498	3.178	1.3792	4.1987	0.99960
1700	2.3886	3.3459	3.8651	1.8231	3.435	1.4561	4.3119	0.99943
1800	2.4469	3.4546	3.9023	1.9021	3.718	1.5439	4.4359	0.99922
1900	2.5009	3.5595	3.9394	1.9730	4.014	1.6438	4.5773	0.99897

S/R= 22.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2000	2.5513	3.6608	3.9764	2.0394	4.328	1.7560	4.7351	0.99874
2100	2.5985	3.7585	4.0131	2.1068	4.664	1.8802	4.9078	0.99848
2200	2.6422	3.8521	4.0498	2.1709	5.013	2.0119	5.0973	0.99819
2300	2.6830	3.9421	4.0859	2.2268	5.371	2.1539	5.2988	0.99786
2400	2.7213	4.0284	4.1215	2.2783	5.742	2.3058	5.5128	0.99752
2500	2.7574	4.1115	4.1568	2.3273	6.127	2.4676	5.7396	0.99713
2600	2.7912	4.1911	4.1914	2.3748	6.526	2.6377	5.9764	0.99658
2700	2.8230	4.2674	4.2253	2.4203	6.936	2.8154	6.2222	0.99605
2800	2.8530	4.3406	4.2586	2.4635	7.356	3.0000	6.4782	0.99551
2900	2.8812	4.4107	4.2912	2.5018	7.780	3.1905	6.7424	0.99480
3000	2.9083	4.4790	4.3236	2.5406	8.221	3.3906	7.0225	0.99360
3100	2.9335	4.5435	4.3549	2.5804	8.668	3.5920	7.3043	0.99386
3200	2.9573	4.6055	4.3856	2.6137	9.114	3.7978	7.5937	0.99505
3300	2.9799	4.6647	4.4155	2.6300	9.536	4.0064	7.8891	0.99568

S/R= 23.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.8312	-1.2680	2.5412	1.4018	0.605	0.9986	3.4772	1.00000
200	-0.0819	-0.2176	2.8428	1.4012	0.855	0.9986	3.4812	1.00000
300	0.3570	0.3969	3.0189	1.4031	1.048	0.9982	3.4815	1.00000
400	0.6678	0.8342	3.1445	1.4064	1.214	1.0018	3.4871	1.00000
500	0.9104	1.1753	3.2434	1.4041	1.359	1.0053	3.5033	1.00000
600	1.1135	1.4601	3.3252	1.4016	1.491	1.0112	3.5242	1.00000
700	1.2899	1.7072	3.3961	1.4060	1.620	1.0200	3.5560	1.00000
800	1.4430	1.9234	3.4585	1.4132	1.747	1.0320	3.5923	1.00000
900	1.5829	2.1212	3.5148	1.4215	1.873	1.0483	3.6358	1.00000
1000	1.7096	2.3024	3.5666	1.4371	2.005	1.0694	3.6868	1.00000
1100	1.8264	2.4711	3.6149	1.4679	2.151	1.0958	3.7453	1.00000
1200	1.9282	2.6232	3.6602	1.5134	2.314	1.1277	3.8104	1.00000
1300	2.0191	2.7628	3.7030	1.5452	2.473	1.1645	3.8824	1.00000
1400	2.1063	2.9983	3.7442	1.5690	2.635	1.2087	3.9630	1.00000
1500	2.1896	3.0302	3.7836	1.6173	2.829	1.2618	4.0503	0.99978
1600	2.2614	3.1492	3.8211	1.6830	3.046	1.3179	4.1393	0.99967
1700	2.3276	3.2625	3.8577	1.7404	3.270	1.3824	4.2391	0.99952
1800	2.3889	3.3711	3.8935	1.8090	3.522	1.4565	4.3471	0.99932
1900	2.4455	3.4759	3.9291	1.8835	3.797	1.5409	4.4707	0.99909
2000	2.4983	3.5773	3.9647	1.9510	4.086	1.6366	4.6092	0.99886
2100	2.5477	3.6752	3.9999	2.0157	4.393	1.7435	4.7611	0.99861
2200	2.5936	3.7693	4.0350	2.0802	4.719	1.8607	4.9265	0.99833
2300	2.6364	3.8598	4.0697	2.1409	5.056	1.9851	5.1051	0.99801
2400	2.6765	3.9468	4.1042	2.1950	5.402	2.1185	5.2960	0.99768
2500	2.7142	4.0305	4.1382	2.2457	5.762	2.2613	5.4993	0.99732
2600	2.7496	4.1109	4.1718	2.2948	6.135	2.4126	5.7123	0.99680
2700	2.7829	4.1881	4.2047	2.3419	6.521	2.5717	5.9339	0.99632
2800	2.8142	4.2623	4.2371	2.3867	6.917	2.7379	6.1656	0.99583
2900	2.8438	4.3335	4.2689	2.4270	7.319	2.9105	6.4053	0.99523
3000	2.8722	4.4030	4.3006	2.4679	7.738	3.0929	6.6603	0.99401
3100	2.8986	4.4688	4.3313	2.5106	8.167	3.2774	6.9175	0.99419
3200	2.9236	4.5321	4.3614	2.5479	8.598	3.4671	7.1821	0.99529
3300	2.9473	4.5928	4.3909	2.5830	9.033	3.6603	7.4532	0.99588
3400	2.9695	4.6507	4.4196	2.6163	9.470	3.8555	7.7284	0.99607
3500	2.9903	4.7054	4.4472	2.6334	9.879	4.0495	8.0011	0.99635

S/R= 23.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.9180	-1.3547	2.5413	1.4018	0.605	0.9987	3.4775	1.00000
200	-0.1687	-0.3043	2.8429	1.4013	0.856	0.9988	3.4821	1.00000
300	0.2709	0.3111	3.0192	1.4024	1.048	0.9991	3.4841	1.00000
400	0.5816	0.7480	3.1447	1.4047	1.213	1.0015	3.4881	1.00000
500	0.8247	1.0892	3.2435	1.4014	1.357	1.0044	3.5041	1.00000
600	1.0285	1.3742	3.3253	1.3969	1.487	1.0092	3.5246	1.00000
700	1.2059	1.6215	3.3960	1.3985	1.613	1.0163	3.5552	1.00000
800	1.3602	1.8381	3.4582	1.4023	1.735	1.0261	3.5901	1.00000
900	1.5015	2.0361	3.5143	1.4075	1.856	1.0395	3.6313	1.00000
1000	1.6296	2.2172	3.5657	1.4192	1.980	1.0570	3.6784	1.00000
1100	1.7483	2.3862	3.6134	1.4421	2.115	1.0787	3.7327	1.00000
1200	1.8521	2.5382	3.6581	1.4821	2.267	1.1047	3.7920	1.00000
1300	1.9450	2.6777	3.7002	1.5099	2.414	1.1355	3.8571	1.00000
1400	2.0341	2.8130	3.7404	1.5290	2.561	1.1725	3.9291	1.00000
1500	2.1201	2.9452	3.7790	1.5688	2.737	1.2173	4.0077	0.99982
1600	2.1949	3.0651	3.8158	1.6259	2.935	1.2664	4.0896	0.99973
1700	2.2637	3.1788	3.8515	1.6749	3.136	1.3206	4.1786	0.99960
1800	2.3276	3.2875	3.8861	1.7291	3.354	1.3828	4.2735	0.99943
1900	2.3872	3.3921	3.9204	1.7922	3.598	1.4539	4.3815	0.99922
2000	2.4425	3.4934	3.9545	1.8632	3.867	1.5348	4.5029	0.99898
2100	2.4941	3.5914	3.9884	1.9294	4.151	1.6261	4.6366	0.99874
2200	2.5422	3.6858	4.0221	1.9920	4.449	1.7272	4.7826	0.99847
2300	2.5872	3.7769	4.0554	2.0527	4.763	1.8376	4.9389	0.99817
2400	2.6292	3.8644	4.0885	2.1103	5.088	1.9550	5.1081	0.99785
2500	2.6687	3.9488	4.1214	2.1631	5.424	2.0805	5.2898	0.99751
2600	2.7058	4.0299	4.1538	2.2135	5.773	2.2143	5.4811	0.99703
2700	2.7406	4.1080	4.1858	2.2619	6.134	2.3557	5.6806	0.99659
2800	2.7735	4.1831	4.2173	2.3078	6.505	2.5045	5.8900	0.99614
2900	2.8044	4.2553	4.2482	2.3496	6.885	2.6600	6.1073	0.99563
3000	2.8342	4.3258	4.2792	2.3923	7.282	2.8252	6.3392	0.99443
3100	2.8619	4.3929	4.3092	2.4370	7.690	2.9934	6.5737	0.99454
3200	2.8882	4.4574	4.3387	2.4767	8.102	3.1672	6.8157	0.99554
3300	2.9131	4.5195	4.3676	2.5154	8.521	3.3453	7.0642	0.99610
3400	2.9365	4.5788	4.3958	2.5536	8.947	3.5260	7.3172	0.99626
3500	2.9583	4.6349	4.4231	2.5869	9.368	3.7065	7.5683	0.99652
3600	2.9790	4.6889	4.4498	2.6089	9.774	3.8895	7.8254	0.99668
3700	2.9990	4.7412	4.4762	2.6173	10.161	4.0772	8.0911	0.99672

S/R= 23.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.0048	-1.4414	2.5413	1.4019	0.605	0.9989	3.4780	1.00000
200	-0.2556	-0.3912	2.8430	1.4014	0.856	0.9990	3.4828	1.00000
300	0.1844	0.2250	3.0195	1.4017	1.049	0.9998	3.4861	1.00000
400	0.4955	0.6617	3.1448	1.4032	1.212	1.0012	3.4892	1.00000
500	0.7388	1.0029	3.2435	1.3994	1.355	1.0037	3.5047	1.00000
600	0.9432	1.2882	3.3253	1.3929	1.484	1.0075	3.5249	1.00000
700	1.1213	1.5357	3.3959	1.3925	1.607	1.0133	3.5546	1.00000
800	1.2766	1.7525	3.4580	1.3938	1.726	1.0214	3.5884	1.00000
900	1.4190	1.9506	3.5138	1.3955	1.841	1.0323	3.6274	1.00000
1000	1.5486	2.1320	3.5649	1.4027	1.959	1.0467	3.6720	1.00000
1100	1.6698	2.3010	3.6122	1.4214	2.087	1.0648	3.7226	1.00000
1200	1.7744	2.4530	3.6564	1.4550	2.227	1.0859	3.7772	1.00000
1300	1.8690	2.5924	3.6979	1.4789	2.364	1.1112	3.8365	1.00000
1400	1.9600	2.7275	3.7373	1.4921	2.498	1.1422	3.9012	1.00000



S/R= 23.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1500	2.0482	2.8597	3.7751	1.5262	2.658	1.1798	3.9719	0.99984
1600	2.1256	2.9802	3.8112	1.5765	2.838	1.2212	4.0463	0.99978
1700	2.1971	3.0945	3.8462	1.6191	3.022	1.2687	4.1280	0.99968
1800	2.2635	3.2035	3.8798	1.6642	3.217	1.3210	4.2123	0.99953
1900	2.3256	3.3082	3.9130	1.7134	3.428	1.3806	4.3077	0.99934
2000	2.3837	3.4094	3.9459	1.7737	3.666	1.4488	4.4140	0.99912
2100	2.4378	3.5073	3.9784	1.8430	3.930	1.5260	4.5313	0.99888
2200	2.4881	3.6019	4.0108	1.9077	4.207	1.6123	4.6600	0.99861
2300	2.5352	3.6932	4.0428	1.9671	4.495	1.7076	4.7981	0.99833
2400	2.5793	3.7812	4.0746	2.0241	4.797	1.8115	4.9470	0.99803
2500	2.6207	3.8663	4.1062	2.0792	5.112	1.9225	5.1081	0.99771
2600	2.6596	3.9481	4.1375	2.1316	5.438	2.0401	5.2793	0.99726
2700	2.6961	4.0269	4.1684	2.1808	5.774	2.1652	5.4586	0.99686
2800	2.7305	4.1028	4.1990	2.2278	6.122	2.2976	5.6476	0.99645
2900	2.7630	4.1760	4.2291	2.2707	6.478	2.4368	5.8442	0.99600
3000	2.7943	4.2475	4.2592	2.3145	6.852	2.5856	6.0549	0.99486
3100	2.8234	4.3157	4.2885	2.3605	7.238	2.7380	6.2585	0.99490
3200	2.8510	4.3814	4.3174	2.4021	7.630	2.8964	6.4896	0.99580
3300	2.8771	4.4447	4.3457	2.4434	8.032	3.0595	6.7172	0.99632
3400	2.9017	4.5053	4.3734	2.4850	8.442	3.2260	6.9496	0.99646
3500	2.9246	4.5629	4.4002	2.5228	8.851	3.3930	7.1807	0.99669
3600	2.9464	4.6183	4.4266	2.5508	9.250	3.5632	7.4178	0.99688
3700	2.9674	4.6721	4.4526	2.5728	9.647	3.7385	7.6636	0.99689
3800	2.9875	4.7239	4.4783	2.5836	10.028	3.9170	7.9166	0.99696

S/R= 23.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.0915	-1.5281	2.5414	1.4020	0.605	0.9990	3.4784	1.00000
200	-0.3426	-0.4781	2.8430	1.4013	0.856	0.9991	3.4833	1.00000
300	0.0977	0.1383	3.0195	1.4011	1.048	0.9999	3.4865	1.00000
400	0.4093	0.5753	3.1449	1.4022	1.212	1.0009	3.4902	1.00000
500	0.6527	0.9165	3.2437	1.3978	1.354	1.0030	3.5051	1.00000
600	0.8577	1.2021	3.3253	1.3897	1.481	1.0062	3.5253	1.00000
700	1.0363	1.4497	3.3958	1.3876	1.602	1.0109	3.5542	1.00000
800	1.1925	1.6667	3.4578	1.3865	1.718	1.0175	3.5870	1.00000
900	1.3359	1.8651	3.5135	1.3853	1.829	1.0265	3.6245	1.00000
1000	1.4669	2.0468	3.5644	1.3901	1.943	1.0383	3.6674	1.00000
1100	1.5881	2.2157	3.6113	1.4052	2.063	1.0534	3.7146	1.00000
1200	1.6952	2.3677	3.6550	1.4323	2.194	1.0707	3.7655	1.00000
1300	1.7914	2.5069	3.6960	1.4517	2.321	1.0913	3.8198	1.00000
1400	1.8841	2.6419	3.7348	1.4611	2.444	1.1169	3.8787	1.00000
1500	1.9743	2.7740	3.7718	1.4890	2.590	1.1484	3.9423	0.99987
1600	2.0539	2.8947	3.8073	1.5327	2.755	1.1832	4.0099	0.99981
1700	2.1279	3.0095	3.8416	1.5704	2.922	1.2232	4.0842	0.99973
1800	2.1968	3.1191	3.8745	1.6097	3.101	1.2690	4.1612	0.99962
1900	2.2612	3.2240	3.9068	1.6512	3.290	1.3192	4.2462	0.99946
2000	2.3217	3.3253	3.9385	1.6975	3.496	1.3763	4.3403	0.99926
2100	2.3784	3.4231	3.9699	1.7552	3.727	1.4412	4.4431	0.99903
2200	2.4312	3.5176	4.0010	1.8220	3.984	1.5142	4.5563	0.99877
2300	2.4805	3.5990	4.0318	1.8845	4.253	1.5957	4.6782	0.99850
2400	2.5266	3.6973	4.0624	1.9410	4.531	1.6854	4.8099	0.99821
2500	2.5701	3.7829	4.0928	1.9950	4.823	1.7832	4.9523	0.99791
2600	2.6109	3.8655	4.1229	2.0485	5.128	1.8878	5.1040	0.99751
2700	2.6492	3.9449	4.1527	2.0997	5.442	1.9979	5.2646	0.99714

S/R= 23.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2800	2.6853	4.0216	4.1823	2.1473	5.767	2.1150	5.4348	0.99676
2900	2.7193	4.0956	4.2115	2.1908	6.099	2.2389	5.6124	0.99636
3000	2.7521	4.1681	4.2408	2.2353	6.449	2.3720	5.8035	0.99530
3100	2.7827	4.2373	4.2694	2.2822	6.813	2.5093	5.9979	0.99528
3200	2.8117	4.3041	4.2975	2.3250	7.184	2.6527	6.1995	0.99608
3300	2.8392	4.3686	4.3252	2.3681	7.566	2.8013	6.4078	0.99656
3400	2.8651	4.4304	4.3524	2.4119	7.959	2.9537	6.6210	0.99667
3500	2.8892	4.4893	4.3787	2.4527	8.352	3.1075	6.8333	0.99688
3600	2.9122	4.5460	4.4046	2.4851	8.740	3.2649	7.0519	0.99707
3700	2.9343	4.6012	4.4303	2.5128	9.129	3.4278	7.2791	0.99707
3800	2.9554	4.6546	4.4556	2.5399	9.525	3.5944	7.5136	0.99712
3900	2.9754	4.7057	4.4803	2.5677	9.926	3.7621	7.7493	0.99717
4000	2.9940	4.7538	4.5040	2.5826	10.300	3.9269	7.9796	0.99721

S/R= 23.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.1783	-1.6148	2.5414	1.4021	0.605	0.9992	3.4788	1.00000
200	-0.4296	-0.5650	2.8431	1.4012	0.856	0.9993	3.4837	1.00000
300	0.0109	0.0515	3.0195	1.4005	1.048	0.9998	3.4865	1.00000
400	0.3230	0.4889	3.1450	1.4015	1.211	1.0008	3.4911	1.00000
500	0.5664	0.8301	3.2437	1.3965	1.353	1.0025	3.5054	1.00000
600	0.7719	1.1159	3.3254	1.3871	1.479	1.0052	3.5256	1.00000
700	0.9510	1.3636	3.3958	1.3835	1.598	1.0089	3.5539	1.00000
800	1.1079	1.5808	3.4577	1.3805	1.711	1.0143	3.5860	1.00000
900	1.2522	1.7794	3.5133	1.3770	1.820	1.0217	3.6225	1.00000
1000	1.3843	1.9613	3.5639	1.3793	1.929	1.0315	3.6638	1.00000
1100	1.5066	2.1302	3.6105	1.3920	2.044	1.0438	3.7081	1.00000
1200	1.6148	2.2822	3.6539	1.4146	2.168	1.0584	3.7561	1.00000
1300	1.7125	2.4214	3.6945	1.4284	2.285	1.0751	3.8066	1.00000
1400	1.8066	2.5562	3.7328	1.4343	2.399	1.0961	3.8605	1.00000
1500	1.8986	2.6884	3.7692	1.4571	2.533	1.1222	3.9183	0.99989
1600	1.9802	2.8091	3.8040	1.4942	2.683	1.1513	3.9798	0.99984
1700	2.0564	2.9242	3.8376	1.5268	2.836	1.1849	4.0475	0.99977
1800	2.1275	3.0341	3.8699	1.5621	2.999	1.2235	4.1171	0.99968
1900	2.1942	3.1395	3.9015	1.5982	3.172	1.2674	4.1947	0.99957
2000	2.2569	3.2408	3.9324	1.6369	3.356	1.3156	4.2788	0.99940
2100	2.3159	3.3387	3.9627	1.6818	3.557	1.3700	4.3699	0.99919
2200	2.3712	3.4331	3.9927	1.7362	3.781	1.4313	4.4696	0.99894
2300	2.4229	3.5244	4.0223	1.7994	4.029	1.5001	4.5766	0.99867
2400	2.4712	3.6129	4.0517	1.8602	4.290	1.5768	4.6931	0.99840
2500	2.5166	3.6988	4.0809	1.9141	4.559	1.6612	4.8194	0.99812
2600	2.5594	3.7818	4.1099	1.9661	4.841	1.7528	4.9539	0.99776
2700	2.5997	3.8621	4.1386	2.0174	5.135	1.8513	5.0960	0.99741
2800	2.6375	3.9395	4.1672	2.0669	5.438	1.9544	5.2487	0.99706
2900	2.6733	4.0142	4.1955	2.1107	5.748	2.0641	5.4088	0.99670
3000	2.7077	4.0876	4.2239	2.1556	6.075	2.1825	5.5819	0.99574
3100	2.7398	4.1577	4.2517	2.2030	6.416	2.3054	5.7583	0.99567
3200	2.7703	4.2256	4.2791	2.2464	6.765	2.4345	5.9420	0.99636
3300	2.7992	4.2911	4.3061	2.2905	7.126	2.5690	6.1323	0.99680
3400	2.8265	4.3541	4.3327	2.3359	7.499	2.7078	6.3276	0.99690
3500	2.8519	4.4141	4.3585	2.3788	7.875	2.8485	6.5225	0.99707
3600	2.8761	4.4721	4.3839	2.4140	8.248	2.9933	6.7237	0.99726
3700	2.8994	4.5287	4.4091	2.4457	8.625	3.1439	6.9334	0.99726
3800	2.9216	4.5835	4.4341	2.4779	9.012	3.2986	7.1506	0.99730

S/R= 23.8								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3900	2.9427	4.6360	4.4585	2.5123	9.409	3.4549	7.3692	0.99737
4000	2.9623	4.6856	4.4819	2.5416	9.796	3.6094	7.5833	0.99740
4100	2.9809	4.7332	4.5048	2.5564	10.158	3.7643	7.7992	0.99751
4200	2.9990	4.7795	4.5276	2.5604	10.504	3.9233	8.0228	0.99761

S/R= 24.0								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.2651	-1.7315	2.5415	1.4022	0.605	0.9993	3.4792	1.00000
200	-0.5165	-0.6519	2.8431	1.4313	0.856	0.9994	3.4841	1.00000
300	-0.0761	-0.3353	3.0195	1.4301	1.048	0.9998	3.4868	1.00000
400	0.2366	0.4025	3.1451	1.4005	1.211	1.0006	3.4918	1.00000
500	0.4800	0.7435	3.2437	1.3954	1.352	1.0021	3.5056	1.00000
600	0.6859	1.0295	3.3254	1.3851	1.477	1.0042	3.5257	1.00000
700	0.8654	1.2773	3.3958	1.3803	1.595	1.0074	3.5535	1.00000
800	1.0230	1.4947	3.4575	1.3754	1.706	1.0117	3.5853	1.00000
900	1.1680	1.6935	3.5131	1.3701	1.812	1.0178	3.6209	1.00000
1000	1.3009	1.8756	3.5636	1.3703	1.917	1.0258	3.6607	1.00000
1100	1.4242	2.0445	3.6099	1.3808	2.028	1.0360	3.7030	1.00000
1200	1.5334	2.1965	3.6530	1.4303	2.146	1.0480	3.7482	1.00000
1300	1.6322	2.3358	3.6933	1.4096	2.256	1.0619	3.7959	1.00000
1400	1.7278	2.4705	3.7311	1.4113	2.361	1.0790	3.8458	1.00000
1500	1.8212	2.6026	3.7670	1.4303	2.485	1.1007	3.8988	0.99990
1600	1.9045	2.7234	3.8013	1.4613	2.622	1.1248	3.9551	0.99986
1700	1.9827	2.8385	3.8344	1.4882	2.762	1.1529	4.0170	0.99981
1800	2.0559	2.9486	3.8660	1.5192	2.911	1.1852	4.0802	0.99973
1900	2.1247	3.0542	3.8969	1.5518	3.070	1.2222	4.1505	0.99964
2000	2.1895	3.1560	3.9271	1.5854	3.238	1.2642	4.2271	0.99951
2100	2.2507	3.2540	3.9566	1.6228	3.417	1.3102	4.3088	0.99934
2200	2.3082	3.3485	3.9856	1.6660	3.613	1.3616	4.3974	0.99912
2300	2.3622	3.4398	4.0141	1.7157	3.827	1.4194	4.4918	0.99886
2400	2.4129	3.5282	4.0424	1.7755	4.067	1.4840	4.5940	0.99860
2500	2.4604	3.6141	4.0706	1.8351	4.321	1.5561	4.7059	0.99833
2600	2.5051	3.6974	4.0985	1.8871	4.580	1.6352	4.8253	0.99801
2700	2.5473	3.7781	4.1261	1.9370	4.851	1.7209	4.9518	0.99769
2800	2.5872	3.8563	4.1536	1.9855	5.134	1.8130	5.0873	0.99736
2900	2.6247	3.9319	4.1810	2.0306	5.424	1.9102	5.2307	0.99703
3000	2.6609	4.0061	4.2085	2.0761	5.729	2.0150	5.3870	0.99619
3100	2.6946	4.0770	4.2354	2.1236	6.047	2.1243	5.5468	0.99608
3200	2.7267	4.1458	4.2621	2.1673	6.374	2.2398	5.7138	0.99666
3300	2.7571	4.2123	4.2884	2.2119	6.713	2.3609	5.8873	0.99706
3400	2.7857	4.2764	4.3144	2.2580	7.065	2.4865	6.0659	0.99713
3500	2.8125	4.3376	4.3396	2.3021	7.422	2.6145	6.2445	0.99728
3600	2.8380	4.3967	4.3645	2.3392	7.778	2.7469	6.4295	0.99745
3700	2.8626	4.4546	4.3892	2.3737	8.140	2.8853	6.6228	0.99746
3800	2.8860	4.5107	4.4138	2.4095	8.515	3.0281	6.8236	0.99750
3900	2.9082	4.5645	4.4378	2.4487	8.902	3.1732	7.0263	0.99758
4000	2.9288	4.6156	4.4609	2.4838	9.283	3.3171	7.2250	0.99760
4100	2.9484	4.5645	4.4835	2.5062	9.645	3.4621	7.4258	0.99772
4200	2.9675	4.7123	4.5060	2.5204	9.999	3.6116	7.6345	0.99784
4300	2.9858	4.7588	4.5283	2.5264	10.341	3.7642	7.8500	0.99822

S/R= 24.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.3518	-1.7882	2.5415	1.4023	0.605	0.9995	3.4796	1.00000
200	-0.6035	-0.7388	2.8432	1.4014	0.856	0.9995	3.4844	1.00000
300	-0.1630	-0.1222	3.0196	1.3998	1.048	0.9998	3.4871	1.00000
400	0.1500	0.3159	3.1452	1.3997	1.210	1.0005	3.4923	1.00000
500	0.3936	0.6568	3.2438	1.3944	1.351	1.0017	3.5057	1.00000
600	0.5998	0.9430	3.3254	1.3835	1.476	1.0035	3.5259	1.00000
700	0.7796	1.1909	3.3957	1.3776	1.593	1.0061	3.5534	1.00000
800	0.9377	1.4085	3.4575	1.3713	1.702	1.0096	3.5847	1.00000
900	1.0833	1.6075	3.5129	1.3646	1.805	1.0146	3.6196	1.00000
1000	1.2170	1.7896	3.5633	1.3628	1.908	1.0211	3.6583	1.00000
1100	1.3410	1.9586	3.6095	1.3713	2.015	1.0295	3.6988	1.00000
1200	1.4510	2.1106	3.6522	1.3885	2.128	1.0394	3.7417	1.00000
1300	1.5508	2.2499	3.6922	1.3943	2.232	1.0509	3.7870	1.00000
1400	1.6476	2.3846	3.7298	1.3920	2.330	1.0650	3.8340	1.00000
1500	1.7424	2.5167	3.7652	1.4075	2.445	1.0828	3.8829	0.99992
1600	1.8272	2.6375	3.7991	1.4342	2.573	1.1029	3.9349	0.99987
1700	1.9070	2.7527	3.8316	1.4550	2.699	1.1261	3.9918	0.99983
1800	1.9821	2.8629	3.8627	1.4808	2.835	1.1531	4.0494	0.99977
1900	2.0528	2.9686	3.8930	1.5099	2.981	1.1841	4.1134	0.99970
2000	2.1196	3.0705	3.9225	1.5401	3.134	1.2195	4.1828	0.99959
2100	2.1828	3.1688	3.9513	1.5725	3.298	1.2595	4.2572	0.99947
2200	2.2424	3.2635	3.9796	1.6086	3.473	1.3031	4.3370	0.99929
2300	2.2985	3.3549	4.0072	1.6492	3.661	1.3516	4.4210	0.99907
2400	2.3514	3.4433	4.0345	1.6941	3.866	1.4059	4.5115	0.99881
2500	2.4013	3.5291	4.0616	1.7505	4.097	1.4665	4.6097	0.99854
2600	2.4481	3.6126	4.0885	1.8098	4.344	1.5339	4.7156	0.99826
2700	2.4922	3.6935	4.1151	1.8596	4.595	1.6078	4.8280	0.99797
2800	2.5339	3.7721	4.1417	1.9071	4.855	1.6879	4.9487	0.99767
2900	2.5734	3.8484	4.1680	1.9506	5.123	1.7741	5.0765	0.99736
3000	2.6115	3.9235	4.1945	1.9963	5.408	1.8675	5.2165	0.99665
3100	2.6469	3.9952	4.2206	2.0447	5.706	1.9642	5.3508	0.99649
3200	2.6806	4.0649	4.2465	2.0883	6.010	2.0670	5.5122	0.99697
3300	2.7126	4.1323	4.2721	2.1329	6.327	2.1752	5.6700	0.99733
3400	2.7428	4.1974	4.2974	2.1793	6.658	2.2881	5.8331	0.99738
3500	2.7710	4.2596	4.3220	2.2239	6.995	2.4039	5.9964	0.99750
3600	2.7978	4.3199	4.3463	2.2621	7.332	2.5243	6.1661	0.99766
3700	2.8237	4.3789	4.3706	2.2983	7.677	2.6507	6.3441	0.99767
3800	2.8484	4.4362	4.3947	2.3365	8.037	2.7818	6.5295	0.99773
3900	2.8719	4.4914	4.4182	2.3787	8.410	2.9156	6.7170	0.99781
4000	2.8936	4.5437	4.4410	2.4181	8.782	3.0491	6.9012	0.99784
4100	2.9143	4.5940	4.4633	2.4462	9.138	3.1841	7.0878	0.99795
4200	2.9343	4.6432	4.4855	2.4678	9.491	3.3238	7.2822	0.99808
4300	2.9537	4.6911	4.5076	2.4846	9.842	3.4671	7.4834	0.99888
4400	2.9724	4.7378	4.5294	2.4941	10.184	3.6140	7.6906	0.99852
4500	2.9907	4.7835	4.5512	2.4967	10.518	3.7654	7.9069	0.99851

S/R= 24.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.4386	-1.9750	2.5416	1.4024	0.605	0.9996	3.4800	1.00000
200	-0.6905	-0.8258	2.8432	1.4015	0.856	0.9996	3.4848	1.00000
300	-0.2500	-0.2091	3.0196	1.3995	1.048	0.9998	3.4874	1.00000
400	0.0633	0.2291	3.1452	1.3990	1.210	1.0004	3.4925	1.00000
500	0.3070	0.5702	3.2438	1.3935	1.351	1.0014	3.5059	1.00000
600	0.5135	0.8565	3.3254	1.3821	1.475	1.0029	3.5260	1.00000

S/R= 24.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
700	0.6935	1.1044	3.3957	1.3754	1.591	1.0050	3.5531	1.00000
800	0.8521	1.3222	3.4575	1.3681	1.698	1.0079	3.5842	1.00000
900	0.9982	1.5213	3.5128	1.3500	1.800	1.0120	3.6185	1.00000
1000	1.1325	1.7035	3.5630	1.3566	1.900	1.0173	3.6561	1.00000
1100	1.2572	1.8726	3.6090	1.3634	2.004	1.0242	3.6953	1.00000
1200	1.3679	2.0245	3.6516	1.3786	2.113	1.0323	3.7363	1.00000
1300	1.4684	2.1637	3.6914	1.3818	2.212	1.0418	3.7793	1.00000
1400	1.5662	2.2986	3.7287	1.3760	2.304	1.0534	3.8241	1.00000
1500	1.6624	2.4306	3.7638	1.3880	2.411	1.0680	3.8699	0.99992
1600	1.7484	2.5514	3.7972	1.4114	2.531	1.0846	3.9183	0.99989
1700	1.8296	2.6666	3.8294	1.4279	2.647	1.1040	3.9711	0.99985
1800	1.9063	2.7769	3.8599	1.4479	2.771	1.1264	4.0238	0.99980
1900	1.9788	2.8827	3.8897	1.4723	2.903	1.1522	4.0824	0.99974
2000	2.0475	2.9847	3.9186	1.4994	3.044	1.1818	4.1455	0.99966
2100	2.1125	3.0831	3.9468	1.5283	3.194	1.2155	4.2129	0.99956
2200	2.1740	3.1780	3.9744	1.5594	3.353	1.2532	4.2857	0.99942
2300	2.2321	3.2697	4.0014	1.5936	3.522	1.2946	4.3617	0.99925
2400	2.2871	3.3582	4.0278	1.6316	3.704	1.3401	4.4425	0.99903
2500	2.3391	3.4442	4.0540	1.6736	3.901	1.3911	4.5300	0.99879
2600	2.3882	3.5275	4.0799	1.7254	4.121	1.4477	4.6230	0.99852
2700	2.4343	3.6084	4.1055	1.7817	4.359	1.5105	4.7223	0.99824
2800	2.4779	3.6873	4.1311	1.8313	4.602	1.5795	4.8298	0.99797
2900	2.5192	3.7639	4.1565	1.8742	4.849	1.6543	4.9437	0.99768
3000	2.5591	3.8395	4.1820	1.9178	5.111	1.7365	5.0690	0.99712
3100	2.5966	3.9123	4.2072	1.9652	5.389	1.8231	5.1982	0.99691
3200	2.6320	3.9828	4.2323	2.0098	5.674	1.9141	5.3348	0.99729
3300	2.6656	4.0511	4.2571	2.0543	5.970	2.0103	5.4781	0.99760
3400	2.6974	4.1171	4.2817	2.1005	6.279	2.1112	5.6265	0.99764
3500	2.7271	4.1802	4.3057	2.1451	6.595	2.2152	5.7756	0.99774
3600	2.7554	4.2415	4.3294	2.1838	6.912	2.3240	5.9309	0.99788
3700	2.7827	4.3016	4.3531	2.2208	7.239	2.4387	6.0944	0.99790
3800	2.8088	4.3601	4.3767	2.2606	7.581	2.5584	6.2653	0.99798
3900	2.8335	4.4165	4.3998	2.3050	7.939	2.6811	6.4384	0.99806
4000	2.8565	4.4701	4.4222	2.3468	8.297	2.8042	6.6089	0.99809
4100	2.8783	4.5216	4.4441	2.3787	8.643	2.9292	6.7820	0.99821
4200	2.8994	4.5722	4.4660	2.4056	8.990	3.0590	6.9627	0.99835
4300	2.9198	4.6215	4.4878	2.4290	9.338	3.1928	7.1505	0.99924
4400	2.9395	4.6696	4.5094	2.4467	9.683	3.3305	7.3439	0.99889
4500	2.9587	4.7167	4.5310	2.4634	10.034	3.4729	7.5465	0.99888
4600	2.9770	4.7619	4.5520	2.4822	10.390	3.6156	7.7489	0.99922
4700	2.9941	4.8046	4.5722	2.4917	10.724	3.7554	7.9458	0.99938

S/R= 24.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.5254	-1.9618	2.5416	1.4026	0.606	0.9998	3.4803	1.00000
200	-0.7774	-0.9127	2.8432	1.4016	0.856	0.9997	3.4851	1.00000
300	-0.3370	-0.2961	3.0197	1.3993	1.048	0.9998	3.4877	1.00000
400	-0.0234	0.1424	3.1452	1.3985	1.210	1.0004	3.4928	1.00000
500	0.2204	0.4835	3.2438	1.3927	1.350	1.0011	3.5061	1.00000
600	0.4271	0.7699	3.3254	1.3809	1.474	1.0023	3.5260	1.00000
700	0.6074	1.0178	3.3957	1.3737	1.589	1.0041	3.5528	1.00000
800	0.7663	1.2357	3.4574	1.3654	1.696	1.0065	3.5838	1.00000
900	0.9129	1.4349	3.5127	1.3563	1.795	1.0098	3.6175	1.00000
1000	1.0476	1.6172	3.5628	1.3516	1.893	1.0142	3.6544	1.00000

S/R= 24.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1100	1.1728	1.7863	3.6087	1.3568	1.995	1.0198	3.6924	1.00000
1200	1.2841	1.9382	3.6511	1.3705	2.101	1.0265	3.7319	1.00000
1300	1.3852	2.0773	3.6906	1.3716	2.196	1.0343	3.7730	1.00000
1400	1.4839	2.2122	3.7277	1.3629	2.282	1.0438	3.8155	1.00000
1500	1.5811	2.3444	3.7626	1.3716	2.383	1.0558	3.8592	0.99993
1600	1.6683	2.4652	3.7957	1.3918	2.496	1.0695	3.9045	0.99991
1700	1.7507	2.5804	3.8275	1.4053	2.604	1.0856	3.9539	0.99987
1800	1.8289	2.6907	3.8576	1.4209	2.718	1.1042	4.0026	0.99983
1900	1.9029	2.7966	3.8869	1.4399	2.838	1.1256	4.0566	0.99977
2000	1.9732	2.8986	3.9153	1.4628	2.966	1.1503	4.1145	0.99971
2100	2.0399	2.9970	3.9429	1.4886	3.104	1.1784	4.1757	0.99963
2200	2.1031	3.0920	3.9700	1.5161	3.249	1.2101	4.2418	0.99952
2300	2.1631	3.1839	3.9963	1.5456	3.403	1.2457	4.3111	0.99940
2400	2.2201	3.2728	4.0221	1.5777	3.567	1.2849	4.3847	0.99923
2500	2.2740	3.3589	4.0475	1.6136	3.742	1.3277	4.4632	0.99902
2600	2.3251	3.4423	4.0726	1.6537	3.932	1.3753	4.5461	0.99879
2700	2.3734	3.5232	4.0973	1.6996	4.140	1.4280	4.6336	0.99853
2800	2.4190	3.6020	4.1219	1.7523	4.367	1.4864	4.7284	0.99827
2900	2.4622	3.6788	4.1463	1.7998	4.600	1.5506	4.8298	0.99801
3000	2.5040	3.7548	4.1710	1.8433	4.843	1.6218	4.9419	0.99758
3100	2.5431	3.8280	4.1953	1.8887	5.098	1.6975	5.0576	0.99735
3200	2.5805	3.8994	4.2195	1.9309	5.361	1.7787	5.1800	0.99763
3300	2.6160	3.9687	4.2435	1.9756	5.638	1.8644	5.3092	0.99788
3400	2.6494	4.0355	4.2674	2.0224	5.928	1.9541	5.4439	0.99792
3500	2.6807	4.0995	4.2907	2.0667	6.222	2.0469	5.5796	0.99799
3600	2.7105	4.1618	4.3138	2.1051	6.519	2.1445	5.7214	0.99811
3700	2.7393	4.2229	4.3369	2.1426	6.827	2.2480	5.8712	0.99814
3800	2.7669	4.2825	4.3600	2.1831	7.150	2.3565	6.0284	0.99826
3900	2.7930	4.3400	4.3826	2.2283	7.490	2.4684	6.1880	0.99833
4000	2.8172	4.3947	4.4045	2.2718	7.832	2.5812	6.3454	0.99838
4100	2.8403	4.4475	4.4261	2.3063	8.165	2.6962	6.5056	0.99850
4200	2.8626	4.4993	4.4475	2.3367	8.502	2.8163	6.6735	0.99865
4300	2.8841	4.5499	4.4691	2.3649	8.843	2.9406	6.8483	0.99940
4400	2.9049	4.5994	4.4903	2.3887	9.184	3.0689	7.0288	0.99927
4500	2.9251	4.6479	4.5116	2.4128	9.535	3.2021	7.2182	0.99927
4600	2.9443	4.6945	4.5324	2.4400	9.895	3.3362	7.4077	0.99966
4700	2.9623	4.7386	4.5525	2.4634	10.247	3.4681	7.5925	0.99983
4800	2.9793	4.7807	4.5719	2.4763	10.576	3.5987	7.7746	0.99982
4900	2.9956	4.8211	4.5909	2.4796	10.885	3.7288	7.9568	0.99998

S/R= 24.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.6121	-2.0485	2.5417	1.4027	0.606	0.9999	3.4806	1.00000
200	-0.8642	-0.9995	2.8433	1.4017	0.856	0.9997	3.4853	1.00000
300	-0.4239	-0.3830	3.0197	1.3994	1.048	0.9999	3.4879	1.00000
400	-0.1102	0.0558	3.1453	1.3982	1.210	1.0003	3.4935	1.00000
500	0.1337	0.3966	3.2438	1.3918	1.350	1.0009	3.5063	1.00000
600	0.3407	0.6833	3.3255	1.3799	1.473	1.0020	3.5262	1.00000
700	0.5211	0.9312	3.3957	1.3722	1.588	1.0034	3.5527	1.00000
800	0.6802	1.1492	3.4574	1.3632	1.693	1.0053	3.5833	1.00000
900	0.8272	1.3485	3.5125	1.3533	1.792	1.0081	3.6168	1.00000
1000	0.9673	1.5308	3.5625	1.3475	1.888	1.0116	3.6529	1.00000
1100	1.0881	1.7000	3.6084	1.3514	1.988	1.0162	3.6901	1.00000
1200	1.1998	1.8519	3.6507	1.3637	2.091	1.0217	3.7284	1.00000

S/R= 24.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1300	1.3014	1.9909	3.6900	1.3633	2.183	1.0281	3.7579	1.00000
1400	1.4007	2.1257	3.7269	1.3523	2.265	1.0360	3.8085	1.00000
1500	1.4989	2.2580	3.7616	1.3579	2.360	1.0458	3.8501	0.99994
1600	1.5871	2.3789	3.7944	1.3752	2.466	1.0570	3.8933	0.99992
1700	1.6706	2.4941	3.8259	1.3859	2.568	1.0702	3.9396	0.99989
1800	1.7498	2.6044	3.8557	1.3984	2.673	1.0857	3.9850	0.99985
1900	1.8252	2.7103	3.8846	1.4132	2.784	1.1035	4.0352	0.99980
2000	1.8969	2.8123	3.9126	1.4313	2.901	1.1239	4.0885	0.99975
2100	1.9652	2.9107	3.9397	1.4530	3.026	1.1473	4.1447	0.99968
2200	2.0300	3.0057	3.9662	1.4774	3.159	1.1739	4.2050	0.99959
2300	2.0917	3.0977	3.9919	1.5034	3.299	1.2038	4.2679	0.99950
2400	2.1505	3.1868	4.0172	1.5311	3.448	1.2372	4.3351	0.99938
2500	2.2064	3.2733	4.0421	1.5618	3.607	1.2744	4.4071	0.99923
2600	2.2594	3.3569	4.0664	1.5962	3.777	1.3144	4.4818	0.99904
2700	2.3096	3.4379	4.0903	1.6333	3.958	1.3588	4.5599	0.99881
2800	2.3572	3.5167	4.1140	1.6732	4.153	1.4078	4.6439	0.99858
2900	2.4025	3.5933	4.1375	1.7200	4.367	1.4618	4.7329	0.99833
3000	2.4461	3.6695	4.1613	1.7702	4.599	1.5228	4.8329	0.99803
3100	2.4870	3.7429	4.1848	1.8154	4.835	1.5882	4.9363	0.99778
3200	2.5261	3.8148	4.2081	1.8565	5.077	1.6590	5.0461	0.99798
3300	2.5634	3.8848	4.2313	1.8981	5.331	1.7348	5.1621	0.99817
3400	2.5988	3.9527	4.2544	1.9436	5.600	1.8150	5.2835	0.99821
3500	2.6317	4.0176	4.2770	1.9890	5.877	1.8975	5.4063	0.99825
3600	2.6631	4.0807	4.2995	2.0271	6.154	1.9845	5.5355	0.99835
3700	2.6935	4.1428	4.3220	2.0644	6.441	2.0773	5.6724	0.99840
3800	2.7225	4.2034	4.3445	2.1050	6.745	2.1751	5.8167	0.99855
3900	2.7501	4.2620	4.3666	2.1503	7.065	2.2764	5.9635	0.99862
4000	2.7757	4.3177	4.3880	2.1946	7.390	2.3790	6.1084	0.99870
4100	2.8001	4.3716	4.4091	2.2308	7.708	2.4843	6.2565	0.99882
4200	2.8237	4.4246	4.4302	2.2633	8.031	2.5947	6.4120	0.99897
4300	2.8464	4.4765	4.4513	2.2945	8.361	2.7094	6.5745	0.99944
4400	2.8684	4.5272	4.4723	2.3228	8.694	2.8284	6.7426	0.99966
4500	2.8897	4.5771	4.4933	2.3526	9.041	2.9524	6.9194	0.99989
4600	2.9100	4.6251	4.5138	2.3861	9.399	3.0777	7.0967	1.00010
4700	2.9289	4.5706	4.5335	2.4170	9.752	3.2015	7.2597	1.00029
4800	2.9467	4.7140	4.5529	2.4392	10.089	3.3246	7.4407	1.00033
4900	2.9638	4.7558	4.5717	2.4359	10.374	3.4478	7.6122	1.00057
5000	2.9816	4.7989	4.5915	2.4396	10.692	3.5838	7.8083	1.00085
5100	2.9976	4.8381	4.6098	2.4565	11.024	3.7097	7.9845	1.00105

S/R= 25.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.6989	-2.1353	2.5417	1.4027	0.606	1.0000	3.4806	1.00000
200	-0.9510	-1.0862	2.8433	1.4017	0.856	0.9998	3.4855	1.00000
300	-0.5107	-0.4697	3.0197	1.3995	1.048	0.9999	3.4880	1.00000
400	-0.1969	-0.0309	3.1454	1.3980	1.209	1.0002	3.4941	1.00000
500	0.0471	0.3099	3.2438	1.3911	1.349	1.0008	3.5065	1.00000
600	0.2542	0.5967	3.3255	1.3792	1.472	1.0017	3.5264	1.00000
700	0.4347	0.8446	3.3956	1.3711	1.586	1.0028	3.5526	1.00000
800	0.5940	1.0626	3.4573	1.3613	1.691	1.0043	3.5830	1.00000
900	0.7413	1.2620	3.5125	1.3508	1.789	1.0066	3.6161	1.00000
1000	0.8767	1.4444	3.5625	1.3442	1.884	1.0095	3.6515	1.00000
1100	1.0029	1.6136	3.6082	1.3469	1.981	1.0132	3.6881	1.00000
1200	1.1151	1.7654	3.6504	1.3581	2.083	1.0177	3.7254	1.00000

S/R= 25.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1300	1.2171	1.9045	3.6896	1.3564	2.172	1.0230	3.7537	1.00000
1400	1.3169	2.0392	3.7262	1.3436	2.250	1.0294	3.8028	1.00000
1500	1.4158	2.1714	3.7607	1.3468	2.341	1.0375	3.8426	0.99995
1600	1.5049	2.2925	3.7934	1.3613	2.442	1.0467	3.8839	0.99993
1700	1.5893	2.4076	3.8246	1.3697	2.538	1.0576	3.9279	0.99990
1800	1.6695	2.5179	3.8541	1.3793	2.636	1.0703	3.9704	0.99987
1900	1.7460	2.6238	3.8827	1.3909	2.738	1.0851	4.0174	0.99983
2000	1.8190	2.7258	3.9103	1.4052	2.846	1.1020	4.0672	0.99978
2100	1.8887	2.8243	3.9370	1.4227	2.960	1.1214	4.1190	0.99973
2200	1.9550	2.9192	3.9630	1.4430	3.081	1.1435	4.1744	0.99966
2300	2.0182	3.0112	3.9883	1.4656	3.209	1.1686	4.2318	0.99958
2400	2.0785	3.1004	4.0130	1.4899	3.345	1.1966	4.2930	0.99949
2500	2.1362	3.1871	4.0373	1.5166	3.489	1.2281	4.3588	0.99938
2600	2.1911	3.2711	4.0611	1.5463	3.644	1.2630	4.4275	0.99925
2700	2.2431	3.3523	4.0844	1.5784	3.807	1.3005	4.4982	0.99908
2800	2.2926	3.4313	4.1074	1.6127	3.980	1.3418	4.5736	0.99888
2900	2.3397	3.5080	4.1301	1.6465	4.162	1.3873	4.6529	0.99867
3000	2.3854	3.5840	4.1530	1.6897	4.367	1.4384	4.7409	0.99844
3100	2.4281	3.6574	4.1755	1.7409	4.592	1.4940	4.8326	0.99821
3200	2.4689	3.7295	4.1980	1.7846	4.819	1.5550	4.9305	0.99833
3300	2.5079	3.7998	4.2205	1.8259	5.054	1.6209	5.0346	0.99847
3400	2.5449	3.8682	4.2428	1.8583	5.300	1.6912	5.1438	0.99851
3500	2.5798	3.9342	4.2645	1.9101	5.555	1.7649	5.2543	0.99853
3600	2.6131	3.9984	4.2864	1.9488	5.814	1.8426	5.3713	0.99862
3700	2.6450	4.0613	4.3083	1.9870	6.084	1.9252	5.4960	0.99869
3800	2.6757	4.1228	4.3301	2.0272	6.367	2.0127	5.6280	0.99887
3900	2.7048	4.1824	4.3517	2.0721	6.668	2.1038	5.7627	0.99894
4000	2.7318	4.2392	4.3726	2.1164	6.973	2.1966	5.8959	0.99904
4100	2.7575	4.2941	4.3933	2.1535	7.275	2.2923	6.0323	0.99917
4200	2.7825	4.3482	4.4140	2.1871	7.582	2.3931	6.1761	0.99932
4300	2.8065	4.4013	4.4347	2.2203	7.898	2.4984	6.3268	0.99946
4400	2.8298	4.4532	4.4552	2.2516	8.220	2.6080	6.4831	1.00008
4500	2.8523	4.5044	4.4759	2.2849	8.556	2.7228	6.6480	1.00015
4600	2.8737	4.5537	4.4961	2.3228	8.907	2.8393	6.8134	1.00056
4700	2.8937	4.6005	4.5157	2.3593	9.257	2.9549	6.9753	1.00077
4800	2.9125	4.6452	4.5347	2.3887	9.595	3.0703	7.1356	1.00087
4900	2.9305	4.6883	4.5533	2.3942	9.887	3.1864	7.2966	1.00117
5000	2.9492	4.7329	4.5729	2.4073	10.214	3.3147	7.4813	1.00146
5100	2.9659	4.7735	4.5911	2.4377	10.566	3.4341	7.6476	1.00166
5200	2.9816	4.8119	4.6086	2.4498	10.876	3.5505	7.8084	1.00193
5300	2.9965	4.8485	4.6255	2.4533	11.163	3.6650	7.9664	1.00379

S/R= 25.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.7857	-2.2221	2.5417	1.4027	0.606	1.0000	3.4806	1.00000
200	-1.0378	-1.1730	2.8433	1.4017	0.856	0.9998	3.4856	1.00000
300	-0.5974	-0.5565	3.0197	1.3995	1.048	0.9999	3.4882	1.00000
400	-0.2837	-0.1177	3.1454	1.3974	1.209	1.0001	3.4943	1.00000
500	-0.0388	0.2240	3.2439	1.3907	1.349	1.0006	3.5066	1.00000
600	0.1676	0.5099	3.3255	1.3793	1.472	1.0014	3.5265	1.00000
700	0.3482	0.7579	3.3956	1.3701	1.585	1.0023	3.5526	1.00000
800	0.5077	0.9760	3.4573	1.3597	1.690	1.0036	3.5827	1.00000
900	0.6553	1.1754	3.5124	1.3487	1.786	1.0054	3.6156	1.00000
1000	0.7909	1.3578	3.5624	1.3415	1.880	1.0078	3.6506	1.00000



S/R= 25.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1100	0.9174	1.5270	3.6080	1.3432	1.976	1.0108	3.6865	1.00000
1200	1.0299	1.6789	3.6501	1.3535	2.076	1.0145	3.7230	1.00000
1300	1.1323	1.8179	3.6892	1.3507	2.163	1.0188	3.7603	1.00000
1400	1.2326	1.9526	3.7257	1.3365	2.239	1.0241	3.7981	1.00000
1500	1.3321	2.0849	3.7600	1.3379	2.326	1.0307	3.8365	0.99995
1600	1.4219	2.2059	3.7925	1.3499	2.422	1.0383	3.8762	0.99994
1700	1.5071	2.3212	3.8236	1.3560	2.512	1.0472	3.9183	0.99991
1800	1.5882	2.4314	3.8528	1.3634	2.605	1.0577	3.9585	0.99988
1900	1.6656	2.5373	3.8811	1.3721	2.701	1.0699	4.0027	0.99985
2000	1.7397	2.6393	3.9084	1.3832	2.800	1.0839	4.0494	0.99981
2100	1.8105	2.7377	3.9348	1.3972	2.905	1.1000	4.0977	0.99976
2200	1.8781	2.8327	3.9604	1.4138	3.016	1.1183	4.1490	0.99971
2300	1.9427	2.9246	3.9852	1.4323	3.132	1.1391	4.2018	0.99965
2400	2.0045	3.0138	4.0094	1.4531	3.256	1.1626	4.2579	0.99957
2500	2.0638	3.1006	4.0332	1.4765	3.388	1.1890	4.3181	0.99950
2600	2.1203	3.1848	4.0566	1.5026	3.528	1.2184	4.3810	0.99941
2700	2.1742	3.2664	4.0793	1.5307	3.677	1.2510	4.4459	0.99930
2800	2.2254	3.3456	4.1018	1.5603	3.833	1.2863	4.5146	0.99916
2900	2.2742	3.4225	4.1238	1.5893	3.996	1.3247	4.5860	0.99899
3000	2.3217	3.4986	4.1460	1.6225	4.172	1.3677	4.6550	0.99882
3100	2.3663	3.5719	4.1677	1.6625	4.366	1.4143	4.7460	0.99862
3200	2.4090	3.6438	4.1893	1.7083	4.577	1.4657	4.8322	0.99868
3300	2.4496	3.7143	4.2109	1.7551	4.802	1.5222	4.9251	0.99877
3400	2.4883	3.7830	4.2324	1.7971	5.030	1.5832	5.0229	0.99883
3500	2.5248	3.8493	4.2535	1.8374	5.264	1.6475	5.1220	0.99882
3600	2.5598	3.9142	4.2746	1.8719	5.499	1.7162	5.2274	0.99891
3700	2.5937	3.9784	4.2958	1.9083	5.749	1.7901	5.3405	0.99900
3800	2.6261	4.0409	4.3170	1.9499	6.016	1.8680	5.4608	0.99922
3900	2.6568	4.1014	4.3380	1.9945	6.297	1.9495	5.5839	0.99929
4000	2.6854	4.1591	4.3584	2.0384	6.584	2.0328	5.7060	0.99942
4100	2.7126	4.2150	4.3786	2.0755	6.867	2.1192	5.8313	0.99957
4200	2.7389	4.2702	4.3988	2.1094	7.156	2.2107	5.9639	0.99972
4300	2.7644	4.3243	4.4190	2.1438	7.457	2.3066	6.1034	0.99955
4400	2.7889	4.3774	4.4392	2.1768	7.765	2.4070	6.2484	1.00052
4500	2.8128	4.4298	4.4595	2.2123	8.088	2.5126	6.4018	1.00064
4600	2.8355	4.4803	4.4794	2.2533	8.427	2.6203	6.5560	1.00104
4700	2.8566	4.5283	4.4986	2.2936	8.769	2.7276	6.7070	1.00129
4800	2.8764	4.5743	4.5174	2.3279	9.102	2.8353	6.8570	1.00145
4900	2.8954	4.6187	4.5358	2.3602	9.396	2.9439	7.0079	1.00179
5000	2.9151	4.6647	4.5552	2.3607	9.726	3.0644	7.1816	1.00210
5100	2.9326	4.7066	4.5732	2.3997	10.084	3.1772	7.3381	1.00231
5200	2.9491	4.7464	4.5905	2.4218	10.405	3.2874	7.4898	1.00266
5300	2.9647	4.7843	4.6073	2.4312	10.698	3.3963	7.6390	1.00373
5400	2.9799	4.8212	4.6239	2.4291	10.967	3.5063	7.7901	1.00422
5500	2.9947	4.8572	4.6404	2.4263	11.235	3.6173	7.9442	1.00546

S/R= 25.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.8726	-2.3090	2.5417	1.4026	0.606	1.0000	3.4806	1.00000
200	-1.1245	-1.2597	2.8433	1.4017	0.856	0.9998	3.4856	1.00000
300	-0.6842	-0.5432	3.0197	1.3994	1.048	0.9999	3.4883	1.00000
400	-0.3704	-0.2044	3.1454	1.3964	1.209	1.0001	3.4945	1.00000
500	-0.1240	0.1389	3.2439	1.3905	1.349	1.0005	3.5067	1.00000
600	0.0808	0.4231	3.3255	1.3800	1.472	1.0011	3.5265	1.00000

S/R= 25.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
700	0.2617	0.6712	3.3956	1.3693	1.585	1.0019	3.5525	1.00000
800	0.4213	0.8893	3.4573	1.3585	1.688	1.0030	3.5825	1.00000
900	0.5691	1.0888	3.5124	1.3469	1.784	1.0044	3.6152	1.00000
1000	0.7049	1.2712	3.5623	1.3393	1.877	1.0064	3.6498	1.00000
1100	0.8317	1.4405	3.6079	1.3403	1.972	1.0089	3.6852	1.00000
1200	0.9445	1.5924	3.6499	1.3496	2.070	1.0118	3.7211	1.00000
1300	1.0472	1.7314	3.6888	1.3459	2.155	1.0154	3.7575	1.00000
1400	1.1478	1.8660	3.7253	1.3306	2.229	1.0197	3.7943	1.00000
1500	1.2478	1.9983	3.7595	1.3305	2.313	1.0252	3.8315	0.99996
1600	1.3382	2.1193	3.7919	1.3406	2.405	1.0314	3.8699	0.99994
1700	1.4241	2.2346	3.8227	1.3446	2.492	1.0387	3.9106	0.99993
1800	1.5059	2.3449	3.8517	1.3501	2.580	1.0473	3.9488	0.99989
1900	1.5841	2.4507	3.8798	1.3567	2.670	1.0574	3.9907	0.99987
2000	1.6591	2.5527	3.9068	1.3646	2.762	1.0689	4.0347	0.99983
2100	1.7310	2.6511	3.9329	1.3757	2.859	1.0822	4.0802	0.99980
2200	1.7997	2.7460	3.9582	1.3892	2.961	1.0974	4.1282	0.99975
2300	1.8655	2.8380	3.9826	1.4041	3.068	1.1146	4.1771	0.99971
2400	1.9286	2.9271	4.0064	1.4209	3.180	1.1341	4.2288	0.99965
2500	1.9893	3.0139	4.0298	1.4407	3.300	1.1562	4.2843	0.99959
2600	2.0474	3.0982	4.0527	1.4637	3.428	1.1809	4.3420	0.99953
2700	2.1028	3.1800	4.0750	1.4886	3.564	1.2083	4.4014	0.99946
2800	2.1557	3.2595	4.0969	1.5147	3.706	1.2387	4.4645	0.99938
2900	2.2063	3.3367	4.1185	1.5396	3.854	1.2719	4.5300	0.99928
3000	2.2555	3.4130	4.1400	1.5682	4.012	1.3083	4.6014	0.99916
3100	2.3018	3.4865	4.1611	1.6018	4.183	1.3476	4.6742	0.99901
3200	2.3462	3.5584	4.1819	1.6350	4.362	1.3908	4.7511	0.99902
3300	2.3887	3.6286	4.2027	1.6771	4.562	1.4381	4.8325	0.99908
3400	2.4290	3.6973	4.2234	1.7253	4.781	1.4899	4.9194	0.99915
3500	2.4670	3.7638	4.2437	1.7674	5.000	1.5454	5.0078	0.99913
3600	2.5036	3.8290	4.2641	1.8017	5.218	1.6051	5.1023	0.99924
3700	2.5391	3.8936	4.2845	1.8347	5.445	1.6699	5.2041	0.99934
3800	2.5734	3.9572	4.3052	1.8713	5.687	1.7393	5.3133	0.99958
3900	2.6061	4.0189	4.3255	1.9156	5.950	1.8122	5.4257	0.99967
4000	2.6362	4.0775	4.3453	1.9612	6.221	1.8865	5.5369	0.99984
4100	2.6649	4.1344	4.3650	1.9979	6.486	1.9640	5.6518	1.00000
4200	2.6928	4.1905	4.3847	2.0317	6.757	2.0463	5.7736	1.00016
4300	2.7197	4.2457	4.4045	2.0663	7.040	2.1332	5.9024	0.99980
4400	2.7457	4.2999	4.4242	2.1000	7.332	2.2245	6.0365	1.00100
4500	2.7710	4.3534	4.4441	2.1367	7.639	2.3210	6.1791	1.00117
4600	2.7950	4.4051	4.4636	2.1794	7.965	2.4199	6.3224	1.00156
4700	2.8173	4.4543	4.4825	2.2223	8.295	2.5190	6.4631	1.00185
4800	2.8383	4.5015	4.5010	2.2596	8.618	2.6188	6.6031	1.00207
4900	2.8583	4.5470	4.5191	2.2771	8.938	2.7199	6.7442	1.00245
5000	2.8791	4.5944	4.5383	2.3031	9.236	2.8325	6.9073	1.00278
5100	2.8977	4.6376	4.5560	2.3481	9.592	2.9383	7.0543	1.00300
5200	2.9150	4.6786	4.5732	2.3779	9.918	3.0422	7.1970	1.00341
5300	2.9314	4.7178	4.5898	2.3961	10.220	3.1452	7.3375	1.00380
5400	2.9473	4.7560	4.6063	2.4042	10.503	3.2495	7.4802	1.00434
5500	2.9628	4.7933	4.6227	2.4035	10.770	3.3552	7.6260	1.00533
5600	2.9781	4.8301	4.6391	2.3930	11.018	3.4642	7.7783	1.00664
5700	2.9935	4.8667	4.6556	2.3861	11.279	3.5770	7.9382	1.00712

S/R= 25.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.9596	-2.3960	2.5417	1.4025	0.606	1.0000	3.4806	1.00000
200	-1.2113	-1.3465	2.8433	1.4016	0.856	0.9998	3.4857	1.00000
300	-0.7709	-0.7300	3.0198	1.3994	1.048	0.9999	3.4884	1.00000
400	-0.4572	-0.2913	3.1455	1.3955	1.206	1.0001	3.4946	1.00000
500	-0.2094	0.0536	3.2439	1.3900	1.348	1.0004	3.5068	1.00000
600	-0.0056	0.3366	3.3255	1.3807	1.472	1.0009	3.5266	1.00000
700	0.1750	0.5844	3.3956	1.3690	1.584	1.0016	3.5524	1.00000
800	0.3349	0.8026	3.4573	1.3575	1.687	1.0025	3.5823	1.00000
900	0.4827	1.0021	3.5123	1.3456	1.783	1.0036	3.6148	1.00000
1000	0.6187	1.1846	3.5622	1.3374	1.875	1.0052	3.6493	1.00000
1100	0.7457	1.3538	3.6077	1.3379	1.969	1.0073	3.6841	1.00000
1200	0.8588	1.5057	3.6497	1.3464	2.065	1.0097	3.7195	1.00000
1300	0.9618	1.6447	3.6886	1.3420	2.149	1.0126	3.7553	1.00000
1400	1.0627	1.7794	3.7249	1.3258	2.221	1.0162	3.7912	1.00000
1500	1.1631	1.9116	3.7590	1.3244	2.303	1.0206	3.8274	0.99996
1600	1.2540	2.0327	3.7912	1.3330	2.392	1.0257	3.8648	0.99995
1700	1.3404	2.1480	3.8220	1.3354	2.475	1.0317	3.9042	0.99993
1800	1.4229	2.2583	3.8509	1.3389	2.559	1.0388	3.9410	0.99991
1900	1.5018	2.3641	3.8787	1.3437	2.644	1.0470	3.9809	0.99989
2000	1.5775	2.4660	3.9056	1.3496	2.731	1.0566	4.0228	0.99985
2100	1.6502	2.5644	3.9314	1.3576	2.821	1.0675	4.0657	0.99982
2200	1.7199	2.6594	3.9564	1.3682	2.916	1.0800	4.1109	0.99979
2300	1.7868	2.7513	3.9805	1.3804	3.014	1.0943	4.1567	0.99976
2400	1.8511	2.8404	4.0040	1.3940	3.117	1.1105	4.2048	0.99971
2500	1.9130	2.9272	4.0270	1.4097	3.225	1.1289	4.2563	0.99967
2600	1.9725	3.0116	4.0494	1.4290	3.342	1.1495	4.3096	0.99964
2700	2.0294	3.0935	4.0713	1.4510	3.466	1.1725	4.3643	0.99959
2800	2.0838	3.1731	4.0928	1.4741	3.596	1.1980	4.4222	0.99955
2900	2.1359	3.2505	4.1139	1.4960	3.730	1.2262	4.4822	0.99951
3000	2.1868	3.3272	4.1350	1.5211	3.874	1.2579	4.5481	0.99945
3100	2.2347	3.4009	4.1555	1.5504	4.029	1.2914	4.6144	0.99936
3200	2.2808	3.4729	4.1757	1.5792	4.189	1.3280	4.6836	0.99935
3300	2.3249	3.5433	4.1958	1.6111	4.361	1.3679	4.7567	0.99938
3400	2.3670	3.6118	4.2157	1.6479	4.547	1.4112	4.8333	0.99946
3500	2.4067	3.6780	4.2352	1.6925	4.752	1.4577	4.9106	0.99946
3600	2.4447	3.7433	4.2548	1.7330	4.962	1.5090	4.9949	0.99958
3700	2.4817	3.8081	4.2746	1.7658	5.171	1.5650	5.0861	0.99971
3800	2.5176	3.8720	4.2945	1.8011	5.394	1.6256	5.1844	0.99997
3900	2.5518	3.9343	4.3142	1.8401	5.631	1.6898	5.2860	1.00009
4000	2.5840	3.9942	4.3334	1.8812	5.879	1.7563	5.3873	1.00029
4100	2.6145	4.0523	4.3525	1.9195	6.129	1.8255	5.4922	1.00046
4200	2.6440	4.1093	4.3717	1.9546	6.385	1.8991	5.6038	1.00064
4300	2.6724	4.1654	4.3910	1.9890	6.650	1.9772	5.7224	1.00029
4400	2.6999	4.2206	4.4103	2.0229	6.924	2.0597	5.8461	1.00152
4500	2.7267	4.2752	4.4298	2.0598	7.214	2.1473	5.9782	1.00175
4600	2.7521	4.3280	4.4489	2.1031	7.524	2.2375	6.1112	1.00213
4700	2.7757	4.3784	4.4674	2.1473	7.839	2.3283	6.2420	1.00245
4800	2.7980	4.4267	4.4855	2.1865	8.150	2.4202	6.3722	1.00273
4900	2.8192	4.4734	4.5034	2.2076	8.432	2.5137	6.5039	1.00315
5000	2.8412	4.5220	4.5222	2.2375	8.752	2.6182	6.6567	1.00350
5100	2.8608	4.5665	4.5397	2.2867	9.103	2.7169	6.7945	1.00374
5200	2.8791	4.6086	4.5566	2.3216	9.426	2.8143	6.9284	1.00418
5300	2.8964	4.6491	4.5731	2.3466	9.730	2.9112	7.0605	1.00400
5400	2.9131	4.6885	4.5894	2.3627	10.021	3.0097	7.1949	1.00459
5500	2.9294	4.7270	4.6056	2.3711	10.298	3.1097	7.3324	1.00538

S/R= 25.6								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5600	2.9454	4.7551	4.6219	2.3708	10.562	3.2133	7.4765	1.00661
5700	2.9614	4.8030	4.6383	2.3649	10.819	3.3208	7.6282	1.00731
5800	2.9774	4.8406	4.6549	2.3498	11.060	3.4324	7.7885	1.00828
5900	2.9935	4.8785	4.6718	2.3392	11.320	3.5504	7.9615	1.00921

S/R= 25.8								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.0464	-2.4828	2.5417	1.4024	0.606	1.0000	3.4806	1.00000
200	-1.2978	-1.4330	2.8433	1.4016	0.856	0.9999	3.4858	1.00000
300	-0.8577	-0.8167	3.0198	1.3995	1.048	0.9999	3.4886	1.00000
400	-0.5441	-0.3781	3.1455	1.3954	1.208	1.0001	3.4946	1.00000
500	-0.2960	-0.0330	3.2439	1.3889	1.348	1.0003	3.5069	1.00000
600	-0.0910	0.2512	3.3255	1.3806	1.472	1.0007	3.5267	1.00000
700	0.0882	0.4975	3.3956	1.3695	1.584	1.0013	3.5523	1.00000
800	0.2483	0.7158	3.4572	1.3567	1.686	1.0020	3.5821	1.00000
900	0.3963	0.9154	3.5123	1.3445	1.782	1.0030	3.6145	1.00000
1000	0.5325	1.0979	3.5621	1.3358	1.873	1.0043	3.6488	1.00000
1100	0.6596	1.2672	3.6076	1.3359	1.966	1.0060	3.6833	1.00000
1200	0.7729	1.4191	3.6495	1.3438	2.062	1.0079	3.7183	1.00000
1300	0.8761	1.5581	3.6884	1.3387	2.144	1.0103	3.7535	1.00000
1400	0.9773	1.6927	3.7246	1.3219	2.214	1.0132	3.7888	1.00000
1500	1.0780	1.8250	3.7585	1.3195	2.294	1.0169	3.8241	0.99996
1600	1.1693	1.9461	3.7908	1.3267	2.381	1.0211	3.8606	0.99995
1700	1.2562	2.0614	3.8214	1.3277	2.461	1.0260	3.8989	0.99994
1800	1.3392	2.1717	3.8502	1.3298	2.541	1.0318	3.9345	0.99992
1900	1.4187	2.2775	3.8779	1.3328	2.622	1.0386	3.9730	0.99990
2000	1.4951	2.3794	3.9045	1.3369	2.705	1.0464	4.0130	0.99987
2100	1.5685	2.4777	3.9301	1.3430	2.790	1.0554	4.0539	0.99985
2200	1.6390	2.5727	3.9549	1.3507	2.878	1.0658	4.0968	0.99982
2300	1.7068	2.6646	3.9787	1.3603	2.969	1.0775	4.1399	0.99980
2400	1.7721	2.7537	4.0019	1.3712	3.064	1.0910	4.1852	0.99977
2500	1.8351	2.8405	4.0246	1.3838	3.163	1.1062	4.2333	0.99974
2600	1.8958	2.9249	4.0467	1.3994	3.269	1.1233	4.2829	0.99973
2700	1.9540	3.0068	4.0682	1.4175	3.382	1.1425	4.3334	0.99971
2800	2.0098	3.0865	4.0893	1.4378	3.501	1.1640	4.3870	0.99969
2900	2.0634	3.1642	4.1100	1.4572	3.623	1.1877	4.4422	0.99969
3000	2.1158	3.2410	4.1305	1.4794	3.754	1.2145	4.5029	0.99967
3100	2.1653	3.3150	4.1507	1.5057	3.896	1.2435	4.5639	0.99967
3200	2.2130	3.3873	4.1705	1.5307	4.041	1.2751	4.6274	0.99966
3300	2.2587	3.4578	4.1900	1.5584	4.195	1.3089	4.6935	0.99969
3400	2.3023	3.5265	4.2093	1.5896	4.361	1.3455	4.7626	0.99978
3500	2.3435	3.5927	4.2281	1.6217	4.533	1.3847	4.8313	0.99982
3600	2.3832	3.6577	4.2469	1.6557	4.717	1.4273	4.9048	0.99995
3700	2.4218	3.7223	4.2659	1.6948	4.917	1.4746	4.9852	1.00010
3800	2.4591	3.7863	4.2851	1.7333	5.128	1.5268	5.0733	1.00038
3900	2.4948	3.8488	4.3041	1.7717	5.347	1.5825	5.1645	1.00055
4000	2.5284	3.9090	4.3227	1.8099	5.573	1.6406	5.2555	1.00078
4100	2.5606	3.9679	4.3412	1.8417	5.797	1.7020	5.3506	1.00097
4200	2.5921	4.0264	4.3599	1.8744	6.033	1.7679	5.4530	1.00118
4300	2.6223	4.0836	4.3787	1.9114	6.285	1.8377	5.5619	1.00113
4400	2.6514	4.1398	4.3975	1.9462	6.543	1.9116	5.6757	1.00208
4500	2.6798	4.1954	4.4165	1.9828	6.815	1.9905	5.7977	1.00238
4600	2.7066	4.2492	4.4351	2.0259	7.106	2.0722	5.9208	1.00275
4700	2.7317	4.3006	4.4533	2.0702	7.405	2.1549	6.0421	1.00311

S/R= 25.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4800	2.7553	4.3503	4.4710	2.1105	7.701	2.2389	6.1530	1.00345
4900	2.7778	4.3978	4.4885	2.1340	7.973	2.3249	6.2856	1.00390
5000	2.8011	4.4477	4.5071	2.1663	8.281	2.4213	6.4284	1.00428
5100	2.8218	4.4933	4.5243	2.2178	8.621	2.5128	6.5571	1.00454
5200	2.8412	4.5366	4.5409	2.2566	8.938	2.6035	6.6825	1.00500
5300	2.8594	4.5782	4.5572	2.2864	9.240	2.6940	6.8064	1.00436
5400	2.8771	4.6188	4.5733	2.3083	9.530	2.7864	6.9327	1.00498
5500	2.8942	4.6585	4.5893	2.3238	9.812	2.8806	7.0521	1.00563
5600	2.9111	4.6978	4.6054	2.3315	10.084	2.9784	7.1980	1.00681
5700	2.9279	4.7370	4.6217	2.3350	10.354	3.0804	7.3417	1.00762
5800	2.9446	4.7763	4.6381	2.3312	10.615	3.1866	7.4939	1.00850
5900	2.9615	4.8153	4.6550	2.3183	10.863	3.2994	7.6587	1.00933
6000	2.9787	4.8553	4.6723	2.3102	11.133	3.4192	7.8372	1.01018

S/R= 26.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.1332	-2.5696	2.5416	1.4023	0.606	1.0000	3.4806	1.00000
200	-1.3844	-1.5196	2.8433	1.4016	0.856	0.9999	3.4859	1.00000
300	-0.9444	-0.9035	3.0198	1.3996	1.048	1.0000	3.4887	1.00000
400	-0.6308	-0.4649	3.1455	1.3954	1.208	1.0001	3.4947	1.00000
500	-0.3830	-0.1203	3.2439	1.3879	1.347	1.0003	3.5069	1.00000
600	-0.1764	0.1659	3.3255	1.3800	1.472	1.0005	3.5268	1.00000
700	0.0017	0.4109	3.3956	1.3703	1.585	1.0011	3.5522	1.00000
800	0.1616	0.6290	3.4572	1.3562	1.686	1.0017	3.5819	1.00000
900	0.3098	0.8287	3.5123	1.3434	1.780	1.0025	3.6142	1.00000
1000	0.4461	1.0112	3.5621	1.3345	1.871	1.0035	3.6483	1.00000
1100	0.5734	1.1805	3.6075	1.3344	1.964	1.0049	3.6827	1.00000
1200	0.6868	1.3324	3.6494	1.3417	2.059	1.0065	3.7172	1.00000
1300	0.7902	1.4714	3.6882	1.3359	2.140	1.0084	3.7521	1.00000
1400	0.8916	1.5060	3.7244	1.3186	2.209	1.0108	3.7868	1.00000
1500	0.9926	1.7383	3.7583	1.3154	2.287	1.0139	3.8214	0.99997
1600	1.0842	1.8594	3.7904	1.3216	2.372	1.0173	3.8572	0.99995
1700	1.1715	1.9747	3.8209	1.3214	2.449	1.0213	3.8947	0.99994
1800	1.2550	2.0850	3.8496	1.3221	2.527	1.0261	3.9292	0.99993
1900	1.3350	2.1909	3.8772	1.3239	2.605	1.0316	3.9665	0.99991
2000	1.4119	2.2927	3.9036	1.3263	2.683	1.0381	4.0051	0.99989
2100	1.4859	2.3911	3.9291	1.3306	2.764	1.0455	4.0442	0.99987
2200	1.5571	2.4860	3.9536	1.3365	2.847	1.0540	4.0852	0.99985
2300	1.6257	2.5779	3.9773	1.3434	2.932	1.0637	4.1263	0.99983
2400	1.6919	2.6670	4.0002	1.3518	3.020	1.0748	4.1689	0.99981
2500	1.7559	2.7538	4.0227	1.3520	3.112	1.0874	4.2143	0.99980
2600	1.8176	2.8382	4.0445	1.3745	3.209	1.1017	4.2609	0.99980
2700	1.8769	2.9202	4.0656	1.3892	3.311	1.1176	4.3080	0.99980
2800	1.9340	3.0000	4.0864	1.4057	3.419	1.1355	4.3578	0.99982
2900	1.9890	3.0777	4.1067	1.4221	3.530	1.1554	4.4090	0.99984
3000	2.0428	3.1547	4.1270	1.4421	3.651	1.1779	4.4652	0.99987
3100	2.0938	3.2289	4.1466	1.4657	3.780	1.2024	4.5215	0.99991
3200	2.1430	3.3015	4.1660	1.4882	3.913	1.2294	4.5799	0.99995
3300	2.1902	3.3723	4.1851	1.5128	4.054	1.2590	4.6410	1.00000
3400	2.2353	3.4412	4.2039	1.5402	4.203	1.2903	4.7039	1.00010
3500	2.2780	3.5076	4.2222	1.5683	4.359	1.3235	4.7659	1.00020
3600	2.3191	3.5726	4.2404	1.5935	4.516	1.3595	4.8318	1.00035
3700	2.3592	3.6370	4.2586	1.6195	4.682	1.3991	4.9027	1.00053
3800	2.3981	3.7005	4.2770	1.6586	4.875	1.4422	4.9794	1.00081

S/R= 26.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3900	2.4352	3.7630	4.2953	1.7045	5.089	1.4898	5.0605	1.00103
4000	2.4701	3.8233	4.3132	1.7424	5.298	1.5399	5.1417	1.00131
4100	2.5037	3.8823	4.3310	1.7737	5.504	1.5933	5.2273	1.00152
4200	2.5366	3.9412	4.3491	1.8020	5.716	1.6511	5.3193	1.00180
4300	2.5687	3.9995	4.3674	1.8316	5.940	1.7131	5.4188	1.00325
4400	2.6000	4.0574	4.3857	1.8665	6.182	1.7795	5.5241	1.00270
4500	2.6300	4.1139	4.4042	1.9065	6.442	1.8500	5.6363	1.00307
4600	2.6584	4.1687	4.4224	1.9489	6.715	1.9234	5.7499	1.00343
4700	2.6850	4.2211	4.4401	1.9928	6.996	1.9980	5.8620	1.00383
4800	2.7100	4.2715	4.4575	2.0330	7.276	2.0743	5.9740	1.00423
4900	2.7338	4.3204	4.4746	2.0578	7.534	2.1527	6.0877	1.00471
5000	2.7585	4.3714	4.4928	2.0916	7.829	2.2410	6.2209	1.00511
5100	2.7805	4.4181	4.5097	2.1444	8.155	2.3253	6.3410	1.00541
5200	2.8010	4.4625	4.5261	2.1851	8.461	2.4092	6.4580	1.00588
5300	2.8204	4.5052	4.5421	2.2182	8.755	2.4933	6.5739	1.00687
5400	2.8391	4.5469	4.5580	2.2444	9.042	2.5795	6.6922	1.00552
5500	2.8572	4.5877	4.5737	2.2650	9.322	2.6676	6.8137	1.00609
5600	2.8750	4.6283	4.5897	2.2792	9.597	2.7595	6.9417	1.00724
5700	2.8927	4.6687	4.6057	2.2899	9.873	2.8556	7.0773	1.00809
5800	2.9103	4.7090	4.6221	2.2949	10.144	2.9561	7.2215	1.00888
5900	2.9280	4.7497	4.6388	2.2924	10.409	3.0633	7.3782	1.00960
6000	2.9460	4.7909	4.6560	2.2896	10.684	3.1775	7.5484	1.01055

S/R= 26.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.2200	-2.6564	2.5417	1.4023	0.606	1.0000	3.4806	1.00000
200	-1.4711	-1.5063	2.8433	1.4016	0.856	0.9999	3.4859	1.00000
300	-1.0313	-0.9903	3.0198	1.3996	1.048	1.0000	3.4888	1.00000
400	-0.7176	-0.5516	3.1455	1.3954	1.208	1.0001	3.4948	1.00000
500	-0.4698	-0.2069	3.2439	1.3875	1.347	1.0003	3.5070	1.00000
600	-0.2626	0.0796	3.3255	1.3788	1.471	1.0004	3.5269	1.00000
700	-0.0837	0.3255	3.3955	1.3705	1.585	1.0009	3.5519	1.00000
800	0.0748	0.5420	3.4572	1.3568	1.686	1.0014	3.5817	1.00000
900	0.2232	0.7419	3.5122	1.3425	1.779	1.0020	3.6140	1.00000
1000	0.3596	0.9245	3.5620	1.3335	1.870	1.0029	3.6479	1.00000
1100	0.4871	1.0938	3.6075	1.3331	1.962	1.0040	3.6821	1.00000
1200	0.6006	1.2457	3.6493	1.3401	2.056	1.0054	3.7164	1.00000
1300	0.7042	1.3847	3.6881	1.3337	2.137	1.0069	3.7509	1.00000
1400	0.8057	1.5193	3.7242	1.3158	2.205	1.0089	3.7852	1.00000
1500	0.9070	1.6515	3.7581	1.3121	2.281	1.0113	3.8192	0.99997
1600	0.9989	1.7727	3.7901	1.3174	2.364	1.0142	3.8544	0.99996
1700	1.0865	1.8880	3.8205	1.3163	2.440	1.0175	3.8912	0.99995
1800	1.1703	1.9983	3.8491	1.3159	2.515	1.0214	3.9249	0.99994
1900	1.2507	2.1042	3.8766	1.3163	2.590	1.0259	3.9612	0.99992
2000	1.3281	2.2061	3.9029	1.3178	2.666	1.0312	3.9986	0.99990
2100	1.4026	2.3044	3.9282	1.3204	2.743	1.0373	4.0364	0.99989
2200	1.4744	2.3993	3.9525	1.3243	2.821	1.0443	4.0757	0.99988
2300	1.5437	2.4911	3.9761	1.3296	2.901	1.0523	4.1150	0.99986
2400	1.6106	2.5803	3.9989	1.3356	2.983	1.0615	4.1558	0.99985
2500	1.6754	2.6671	4.0211	1.3433	3.068	1.0719	4.1988	0.99986
2600	1.7380	2.7515	4.0425	1.3536	3.158	1.0837	4.2428	0.99987
2700	1.7984	2.8335	4.0635	1.3655	3.252	1.0970	4.2872	0.99989
2800	1.8566	2.9134	4.0840	1.3789	3.350	1.1118	4.3339	0.99993
2900	1.9127	2.9912	4.1040	1.3917	3.451	1.1284	4.3816	0.99998

S/R= 26.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3000	1.9679	3.0683	4.1239	1.4084	3.560	1.1473	4.4341	1.00004
3100	2.0203	3.1427	4.1433	1.4296	3.679	1.1680	4.4863	1.00013
3200	2.0708	3.2155	4.1622	1.4498	3.801	1.1908	4.5404	1.00022
3300	2.1195	3.2865	4.1810	1.4721	3.930	1.2158	4.5967	1.00031
3400	2.1661	3.3557	4.1994	1.4976	4.068	1.2431	4.6550	1.00044
3500	2.2102	3.4224	4.2173	1.5225	4.210	1.2721	4.7119	1.00059
3600	2.2528	3.4877	4.2350	1.5438	4.351	1.3027	4.7717	1.00077
3700	2.2943	3.5522	4.2527	1.5661	4.500	1.3363	4.8356	1.00098
3800	2.3345	3.6157	4.2704	1.5924	4.661	1.3728	4.9044	1.00127
3900	2.3731	3.6777	4.2878	1.6266	4.840	1.4119	4.9749	1.00154
4000	2.4094	3.7375	4.3049	1.6701	5.039	1.4536	5.0452	1.00187
4100	2.4442	3.7964	4.3221	1.7073	5.239	1.4992	5.1210	1.00211
4200	2.4784	3.8553	4.3395	1.7352	5.433	1.5491	5.2035	1.00246
4300	2.5119	3.9138	4.3572	1.7640	5.639	1.6031	5.2931	1.00603
4400	2.5446	3.9720	4.3749	1.7925	5.854	1.6614	5.3883	1.00339
4500	2.5768	4.0302	4.3929	1.8252	6.086	1.7244	5.4920	1.00384
4600	2.6074	4.0866	4.4107	1.8693	6.345	1.7903	5.5974	1.00419
4700	2.6355	4.1399	4.4280	1.9159	6.613	1.8571	5.7006	1.00462
4800	2.6620	4.1913	4.4450	1.9555	6.875	1.9258	5.8039	1.00508
4900	2.6872	4.2411	4.4617	1.9810	7.119	1.9968	5.9091	1.00559
5000	2.7134	4.2932	4.4795	2.0152	7.398	2.0770	6.0330	1.00602
5100	2.7368	4.3409	4.4961	2.0680	7.708	2.1541	6.1445	1.00636
5200	2.7585	4.3864	4.5121	2.1097	8.000	2.2311	6.2536	1.00682
5300	2.7790	4.4301	4.5278	2.1447	8.284	2.3087	6.3515	1.00557
5400	2.7989	4.4729	4.5434	2.1737	8.562	2.3884	6.4721	1.00622
5500	2.8180	4.5149	4.5590	2.1981	8.837	2.4703	6.5859	1.00674
5600	2.8369	4.5566	4.5747	2.2170	9.110	2.5561	6.7061	1.00790
5700	2.8556	4.5982	4.5905	2.2329	9.385	2.6462	6.8340	1.00871
5800	2.8742	4.6398	4.6067	2.2445	9.659	2.7408	6.9703	1.00943
5900	2.8929	4.6818	4.6233	2.2504	9.934	2.8420	7.1189	1.01006
6000	2.9118	4.7245	4.6403	2.2523	10.211	2.9503	7.2807	1.01106

S/R= 26.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.3069	-2.7434	2.5416	1.4022	0.606	1.0000	3.4805	1.00000
200	-1.5579	-1.6931	2.8434	1.4016	0.856	0.9999	3.4859	1.00000
300	-1.1183	-1.0773	3.0198	1.3995	1.048	1.0000	3.4889	1.00000
400	-0.8043	-0.6384	3.1455	1.3952	1.208	1.0001	3.4949	1.00000
500	-0.5566	-0.2937	3.2439	1.3876	1.347	1.0002	3.5071	1.00000
600	-0.3495	-0.0073	3.3255	1.3775	1.470	1.0003	3.5269	1.00000
700	-0.1691	0.2401	3.3955	1.3698	1.584	1.0007	3.5517	1.00000
800	-0.0115	0.4557	3.4572	1.3577	1.686	1.0012	3.5817	1.00000
900	0.1364	0.6550	3.5122	1.3423	1.779	1.0017	3.6137	1.00000
1000	0.2730	0.8376	3.5620	1.3325	1.869	1.0023	3.6475	1.00000
1100	0.4006	1.0070	3.6074	1.3319	1.960	1.0032	3.6815	1.00000
1200	0.5143	1.1590	3.6492	1.3388	2.054	1.0044	3.7156	1.00000
1300	0.6179	1.2979	3.6880	1.3320	2.134	1.0057	3.7499	1.00000
1400	0.7197	1.4325	3.7241	1.3135	2.201	1.0073	3.7838	1.00000
1500	0.8211	1.5648	3.7579	1.3093	2.277	1.0093	3.8175	0.99998
1600	0.9132	1.6859	3.7898	1.3141	2.358	1.0116	3.8521	0.99996
1700	1.0011	1.8013	3.8202	1.3121	2.432	1.0143	3.8883	0.99996
1800	1.0852	1.9116	3.8487	1.3108	2.506	1.0175	3.9213	0.99995
1900	1.1660	2.0175	3.8761	1.3103	2.578	1.0212	3.9569	0.99993
2000	1.2437	2.1193	3.9024	1.3104	2.651	1.0256	3.9933	0.99991

S/R= 26.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2100	1.3187	2.2176	3.9275	1.3120	2.725	1.0306	4.3299	0.99991
2200	1.3910	2.3125	3.9518	1.3145	2.800	1.0364	4.0680	0.99990
2300	1.4608	2.4044	3.9751	1.3178	2.875	1.0429	4.1057	0.99989
2400	1.5284	2.4935	3.9977	1.3223	2.952	1.0505	4.1448	0.99989
2500	1.5939	2.5804	4.0198	1.3279	3.032	1.0591	4.1862	0.99991
2600	1.6574	2.6648	4.0411	1.3357	3.115	1.0688	4.2280	0.99994
2700	1.7186	2.7469	4.0618	1.3454	3.203	1.0798	4.2701	0.99997
2800	1.7778	2.8268	4.0821	1.3563	3.293	1.0922	4.3144	1.00004
2900	1.8350	2.9047	4.1018	1.3662	3.385	1.1061	4.3593	1.00011
3000	1.8913	2.9820	4.1214	1.3798	3.485	1.1218	4.4085	1.00021
3100	1.9449	3.0565	4.1404	1.3974	3.592	1.1391	4.4574	1.00033
3200	1.9969	3.1294	4.1591	1.4150	3.704	1.1584	4.5079	1.00047
3300	2.0469	3.2008	4.1775	1.4354	3.822	1.1795	4.5503	1.00062
3400	2.0949	3.2702	4.1956	1.4585	3.949	1.2027	4.6142	1.00079
3500	2.1405	3.3372	4.2131	1.4821	4.081	1.2276	4.6667	1.00099
3600	2.1844	3.4028	4.2304	1.5017	4.211	1.2546	4.7221	1.00121
3700	2.2273	3.4676	4.2477	1.5205	4.345	1.2836	4.7806	1.00145
3800	2.2688	3.5312	4.2649	1.5430	4.490	1.3146	4.8431	1.00176
3900	2.3087	3.5933	4.2818	1.5707	4.647	1.3478	4.9065	1.00207
4000	2.3463	3.6529	4.2983	1.5998	4.810	1.3827	4.9586	1.00245
4100	2.3824	3.7111	4.3147	1.6299	4.981	1.4200	5.0334	1.00275
4200	2.4179	3.7695	4.3313	1.6651	5.170	1.4616	5.1054	1.00317
4300	2.4525	3.8279	4.3482	1.6983	5.366	1.5078	5.1852	1.003821
4400	2.4865	3.8861	4.3653	1.7262	5.563	1.5581	5.2705	1.00413
4500	2.5200	3.9444	4.3827	1.7568	5.775	1.6131	5.3642	1.00467
4600	2.5522	4.0015	4.4000	1.7933	6.004	1.6711	5.4602	1.00506
4700	2.5825	4.0565	4.4169	1.8334	6.245	1.7311	5.5559	1.00549
4800	2.6110	4.1093	4.4334	1.8754	6.496	1.7927	5.6518	1.00600
4900	2.6378	4.1601	4.4498	1.9043	6.730	1.8564	5.7487	1.00655
5000	2.6656	4.2132	4.4671	1.9385	6.992	1.9287	5.8637	1.00701
5100	2.6903	4.2619	4.4833	1.9905	7.284	1.9985	5.9571	1.00740
5200	2.7134	4.3084	4.4991	2.0322	7.561	2.0687	6.0582	1.00785
5300	2.7352	4.3531	4.5145	2.0680	7.831	2.1397	6.1586	1.00646
5400	2.7562	4.3969	4.5298	2.0986	8.098	2.2130	6.2715	1.00710
5500	2.7765	4.4399	4.5450	2.1255	8.364	2.2886	6.3778	1.00761
5600	2.7965	4.4827	4.5605	2.1474	8.630	2.3682	6.4904	1.00878
5700	2.8164	4.5255	4.5761	2.1676	8.901	2.4521	6.6105	1.00952
5800	2.8360	4.5683	4.5920	2.1842	9.174	2.5405	6.7391	1.01017
5900	2.8558	4.6117	4.6084	2.1962	9.450	2.6355	6.8797	1.01071
6000	2.8759	4.6557	4.6253	2.2014	9.724	2.7376	7.0333	1.01173

S/R= 26.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.3939	-2.8303	2.5415	1.4021	0.606	1.0000	3.4805	1.00000
200	-1.6447	-1.7798	2.8434	1.4016	0.856	0.9999	3.4860	1.00000
300	-1.2052	-1.1642	3.0198	1.3995	1.048	1.0000	3.4889	1.00000
400	-0.8911	-0.7252	3.1455	1.3951	1.208	1.0001	3.4949	1.00000
500	-0.6435	-0.3806	3.2439	1.3876	1.347	1.0002	3.5071	1.00000
600	-0.4364	-0.0942	3.3255	1.3769	1.470	1.0003	3.5269	1.00000
700	-0.2553	0.1540	3.3955	1.3679	1.583	1.0005	3.5517	1.00000
800	-0.0965	0.3707	3.4572	1.3579	1.686	1.0009	3.5818	1.00000
900	0.0497	0.5681	3.5122	1.3435	1.779	1.0013	3.6135	1.00000
1000	0.1864	0.7508	3.5620	1.3318	1.868	1.0019	3.6471	1.00000
1100	0.3141	0.9202	3.6074	1.3308	1.959	1.0026	3.6811	1.00000



S/R= 26.6

T	LOG(RHO)	LJG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1200	0.4279	1.0722	3.6491	1.3376	2.052	1.0035	3.7150	1.00000
1300	0.5316	1.2112	3.6879	1.3307	2.132	1.0046	3.7490	1.00000
1400	0.6335	1.3458	3.7239	1.3117	2.198	1.0060	3.7827	1.00000
1500	0.7351	1.4780	3.7577	1.3070	2.273	1.0076	3.8160	0.99998
1600	0.8274	1.5992	3.7896	1.3112	2.353	1.0095	3.8503	0.99997
1700	0.9155	1.7146	3.8199	1.3087	2.426	1.0117	3.8859	0.99996
1800	0.9998	1.8249	3.8484	1.3067	2.498	1.0144	3.9184	0.99995
1900	1.0809	1.9307	3.8757	1.3053	2.569	1.0174	3.9532	0.99994
2000	1.1590	2.0326	3.9019	1.3046	2.639	1.0210	3.9889	0.99993
2100	1.2343	2.1309	3.9269	1.3049	2.710	1.0251	4.0246	0.99992
2200	1.3070	2.2257	3.9511	1.3063	2.782	1.0298	4.0616	0.99992
2300	1.3773	2.3176	3.9743	1.3083	2.854	1.0352	4.0982	0.99992
2400	1.4454	2.4068	3.9968	1.3109	2.927	1.0414	4.1360	0.99993
2500	1.5116	2.4937	4.0187	1.3150	3.002	1.0485	4.1758	0.99996
2600	1.5757	2.5782	4.0399	1.3210	3.081	1.0566	4.2161	1.00000
2700	1.6377	2.6603	4.0604	1.3284	3.162	1.0657	4.2563	1.00005
2800	1.6978	2.7403	4.0805	1.3370	3.246	1.0760	4.2984	1.00013
2900	1.7559	2.8183	4.1000	1.3448	3.330	1.0875	4.3411	1.00024
3000	1.8133	2.8957	4.1194	1.3556	3.421	1.1007	4.3878	1.00036
3100	1.8680	2.9703	4.1381	1.3703	3.520	1.1151	4.4339	1.00053
3200	1.9212	3.0435	4.1566	1.3846	3.620	1.1312	4.4813	1.00070
3300	1.9725	3.1150	4.1747	1.4019	3.729	1.1492	4.5304	1.00091
3400	2.0219	3.1847	4.1924	1.4229	3.845	1.1688	4.5809	1.00114
3500	2.0689	3.2520	4.2096	1.4445	3.966	1.1899	4.6296	1.00139
3600	2.1141	3.3179	4.2266	1.4629	4.087	1.2129	4.6809	1.00167
3700	2.1583	3.3830	4.2435	1.4818	4.214	1.2383	4.7352	1.00196
3800	2.2012	3.4469	4.2604	1.5018	4.346	1.2659	4.7932	1.00228
3900	2.2424	3.5092	4.2769	1.5251	4.487	1.2943	4.8510	1.00264
4000	2.2812	3.5689	4.2929	1.5507	4.634	1.3240	4.9069	1.00306
4100	2.3185	3.6272	4.3087	1.5714	4.779	1.3555	4.9649	1.00345
4200	2.3551	3.6851	4.3245	1.5910	4.928	1.3899	5.0277	1.00391
4300	2.3910	3.7426	4.3407	1.6220	5.102	1.4272	5.0958	1.00877
4400	2.4261	3.8003	4.3570	1.6587	5.296	1.4694	5.1707	1.00494
4500	2.4608	3.8584	4.3737	1.6914	5.494	1.5165	5.2543	1.00557
4600	2.4942	3.9154	4.3903	1.7270	5.705	1.5666	5.3404	1.00600
4700	2.5258	3.9706	4.4066	1.7636	5.924	1.6189	5.4266	1.00644
4800	2.5559	4.0242	4.4227	1.7973	6.144	1.6735	5.5142	1.00699
4900	2.5849	4.0768	4.4387	1.8219	6.356	1.7306	5.6046	1.00760
5000	2.6147	4.1315	4.4557	1.8592	6.607	1.7956	5.7119	1.00808
5100	2.6410	4.1811	4.4715	1.9131	6.886	1.8583	5.8073	1.00853
5200	2.6655	4.2285	4.4869	1.9542	7.146	1.9216	5.9008	1.00899
5300	2.6896	4.2742	4.5020	1.9902	7.401	1.9861	5.9938	1.00755
5400	2.7109	4.3190	4.5170	2.0214	7.655	2.0529	6.0894	1.00817
5500	2.7325	4.3629	4.5319	2.0494	7.909	2.1222	6.1883	1.00869
5600	2.7538	4.4068	4.5471	2.0736	8.165	2.1953	6.2934	1.00988
5700	2.7748	4.4507	4.5625	2.0961	8.427	2.2729	6.4059	1.01052
5800	2.7957	4.4946	4.5781	2.1161	8.694	2.3550	6.5269	1.01111
5900	2.8167	4.5393	4.5943	2.1327	8.967	2.4436	6.6597	1.01157
6000	2.8379	4.5847	4.6110	2.1407	9.235	2.5392	6.8053	1.01259

S/R= 26.8

T	LOG(RHO)	LJG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.4807	-2.9171	2.5417	1.4021	0.606	1.0000	3.4805	1.00000
200	-1.7314	-1.8666	2.8434	1.4016	0.856	1.0000	3.4861	1.00000

S/R= 26.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	-1.2927	-1.2510	3.0198	1.3995	1.048	1.0000	3.4889	1.00000
400	-0.9779	-0.8120	3.1455	1.3952	1.208	1.0000	3.4950	1.00000
500	-0.7305	-0.4676	3.2439	1.3876	1.347	1.0001	3.5071	1.00000
600	-0.5232	-0.1811	3.3255	1.3767	1.470	1.0002	3.5269	1.00000
700	-0.3421	0.0671	3.3955	1.3662	1.582	1.0004	3.5517	1.00000
800	-0.1816	0.2857	3.4572	1.3572	1.686	1.0007	3.5820	1.00000
900	-0.0364	0.4819	3.5122	1.3447	1.780	1.0011	3.6133	1.00000
1000	0.0997	0.6639	3.5619	1.3318	1.868	1.0015	3.6468	1.00000
1100	0.2275	0.8334	3.6073	1.3301	1.958	1.0022	3.6807	1.00000
1200	0.3414	0.9854	3.6491	1.3365	2.051	1.0029	3.7145	1.00000
1300	0.4452	1.1243	3.6878	1.3295	2.130	1.0038	3.7483	1.00000
1400	0.5471	1.2590	3.7238	1.3103	2.196	1.0049	3.7817	1.00000
1500	0.6489	1.3912	3.7576	1.3051	2.270	1.0062	3.8148	0.99998
1600	0.7413	1.5124	3.7894	1.3089	2.349	1.0078	3.8487	0.99997
1700	0.8296	1.6278	3.8197	1.3059	2.421	1.0096	3.8840	0.99997
1800	0.9142	1.7381	3.8481	1.3033	2.491	1.0117	3.9160	0.99995
1900	0.9954	1.8439	3.8754	1.3012	2.561	1.0143	3.9503	0.99995
2000	1.0738	1.9458	3.9015	1.2996	2.629	1.0172	3.9853	0.99994
2100	1.1495	2.0441	3.9265	1.2992	2.698	1.0205	4.0203	0.99994
2200	1.2225	2.1370	3.9506	1.2994	2.767	1.0244	4.0564	0.99993
2300	1.2932	2.2309	3.9737	1.3004	2.837	1.0289	4.0921	0.99994
2400	1.3618	2.3201	3.9960	1.3018	2.907	1.0340	4.1288	0.99997
2500	1.4285	2.4070	4.0178	1.3041	2.977	1.0399	4.1674	1.00000
2600	1.4933	2.4916	4.0389	1.3085	3.051	1.0465	4.2063	1.00005
2700	1.5559	2.5738	4.0593	1.3143	3.128	1.0541	4.2451	1.00013
2800	1.6167	2.6539	4.0792	1.3209	3.206	1.0626	4.2856	1.00023
2900	1.6757	2.7320	4.0985	1.3263	3.284	1.0722	4.3265	1.00036
3000	1.7341	2.8095	4.1177	1.3352	3.368	1.0832	4.3711	1.00051
3100	1.7898	2.8843	4.1363	1.3474	3.459	1.0953	4.4150	1.00071
3200	1.8440	2.9576	4.1545	1.3590	3.551	1.1088	4.4599	1.00093
3300	1.8965	3.0294	4.1723	1.3733	3.649	1.1238	4.5063	1.00119
3400	1.9472	3.0993	4.1899	1.3909	3.755	1.1403	4.5538	1.00147
3500	1.9954	3.1669	4.2068	1.4101	3.866	1.1583	4.5996	1.00179
3600	2.0421	3.2331	4.2235	1.4271	3.978	1.1779	4.6476	1.00213
3700	2.0876	3.2985	4.2401	1.4443	4.094	1.1996	4.6982	1.00248
3800	2.1319	3.3628	4.2567	1.4647	4.219	1.2232	4.7521	1.00285
3900	2.1742	3.4254	4.2728	1.4885	4.354	1.2486	4.8060	1.00326
4000	2.2142	3.4854	4.2885	1.5104	4.488	1.2749	4.8574	1.00372
4100	2.2527	3.5438	4.3039	1.5267	4.616	1.3019	4.9100	1.00419
4200	2.2905	3.6018	4.3193	1.5425	4.749	1.3311	4.9665	1.00470
4300	2.3274	3.6592	4.3348	1.5605	4.890	1.3627	5.0274	1.00550
4400	2.3637	3.7161	4.3503	1.5799	5.039	1.3969	5.0918	1.00581
4500	2.3994	3.7729	4.3661	1.6163	5.223	1.4344	5.1628	1.00651
4600	2.4339	3.8295	4.3820	1.6621	5.434	1.4768	5.2389	1.00702
4700	2.4666	3.8845	4.3976	1.6982	5.635	1.5216	5.3155	1.00748
4800	2.4978	3.9381	4.4131	1.7308	5.838	1.5687	5.3937	1.00807
4900	2.5280	3.9907	4.4286	1.7514	6.027	1.6185	5.4750	1.00875
5000	2.5597	4.0465	4.4451	1.7804	6.246	1.6761	5.5740	1.00926
5100	2.5882	4.0980	4.4607	1.8293	6.501	1.7326	5.6535	1.00978
5200	2.6146	4.1468	4.4757	1.8739	6.753	1.7895	5.7504	1.01023
5300	2.6391	4.1934	4.4904	1.9122	6.997	1.8474	5.8362	1.01086
5400	2.6628	4.2391	4.5051	1.9436	7.236	1.9078	5.9246	1.01095
5500	2.6857	4.2840	4.5197	1.9721	7.476	1.9707	6.0163	1.01099
5600	2.7083	4.3288	4.5345	1.9971	7.719	2.0374	6.1142	1.01121
5700	2.7307	4.3738	4.5496	2.0211	7.970	2.1085	6.2194	1.01174

S/R= 26.8								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5800	2.7529	4.4189	4.5650	2.0433	8.227	2.1841	6.3328	1.01226
5900	2.7752	4.4648	4.5809	2.0631	8.493	2.2661	6.4579	1.01268
6000	2.7978	4.5115	4.5974	2.0729	8.752	2.3551	6.5954	1.01366

S/R= 27.0								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.5674	-3.0038	2.5417	1.4021	0.606	1.0000	3.4806	1.00000
200	-1.8182	-1.9534	2.8434	1.4016	0.856	1.0000	3.4862	1.00000
300	-1.3787	-1.3378	3.0198	1.3995	1.048	1.0000	3.4890	1.00000
400	-1.0646	-0.8987	3.1455	1.3953	1.208	1.0000	3.4950	1.00000
500	-0.8174	-0.5545	3.2439	1.3876	1.347	1.0001	3.5072	1.00000
600	-0.6100	-0.2679	3.3255	1.3767	1.470	1.0002	3.5269	1.00000
700	-0.4290	-0.0199	3.3955	1.3656	1.581	1.0004	3.5517	1.00000
800	-0.2678	0.1995	3.4572	1.3558	1.685	1.0006	3.5820	1.00000
900	-0.1219	0.3965	3.5121	1.3450	1.780	1.0009	3.6133	1.00000
1000	0.0130	0.5771	3.5619	1.3321	1.868	1.0012	3.6466	1.00000
1100	0.1410	0.7467	3.6073	1.3295	1.957	1.0018	3.6805	1.00000
1200	0.2548	0.8986	3.6490	1.3359	2.050	1.0024	3.7141	1.00000
1300	0.3587	1.0375	3.6877	1.3285	2.128	1.0031	3.7477	1.00000
1400	0.4607	1.1721	3.7237	1.3092	2.194	1.0040	3.7810	1.00000
1500	0.5625	1.3044	3.7574	1.3036	2.267	1.0051	3.8138	0.99998
1600	0.6551	1.4256	3.7893	1.3069	2.346	1.0064	3.8474	0.99998
1700	0.7435	1.5410	3.8196	1.3036	2.417	1.0079	3.8824	0.99997
1800	0.8283	1.6513	3.8479	1.3005	2.486	1.0096	3.9140	0.99996
1900	0.9098	1.7571	3.8751	1.2978	2.554	1.0117	3.9479	0.99995
2000	0.9883	1.8590	3.9012	1.2956	2.621	1.0141	3.9824	0.99995
2100	1.0643	1.9573	3.9261	1.2943	2.688	1.0168	4.0167	0.99995
2200	1.1376	2.0522	3.9501	1.2939	2.756	1.0200	4.0522	0.99995
2300	1.2087	2.1441	3.9731	1.2938	2.822	1.0237	4.0871	0.99997
2400	1.2776	2.2334	3.9954	1.2940	2.889	1.0279	4.1230	1.00000
2500	1.3448	2.3203	4.0171	1.2954	2.957	1.0327	4.1606	1.00005
2600	1.4101	2.4050	4.0381	1.2981	3.027	1.0383	4.1986	1.00011
2700	1.4734	2.4873	4.0583	1.3022	3.099	1.0445	4.2361	1.00020
2800	1.5349	2.5675	4.0781	1.3076	3.173	1.0516	4.2754	1.00033
2900	1.5946	2.6457	4.0974	1.3111	3.246	1.0596	4.3149	1.00049
3000	1.6538	2.7234	4.1164	1.3176	3.324	1.0687	4.3579	1.00067
3100	1.7104	2.7983	4.1348	1.3279	3.408	1.0788	4.4000	1.00090
3200	1.7656	2.8719	4.1528	1.3374	3.493	1.0902	4.4429	1.00116
3300	1.8192	2.9438	4.1705	1.3492	3.583	1.1028	4.4872	1.00146
3400	1.8710	3.0140	4.1878	1.3642	3.680	1.1167	4.5323	1.00180
3500	1.9204	3.0819	4.2045	1.3802	3.781	1.1319	4.5755	1.00218
3600	1.9684	3.1484	4.2210	1.3941	3.882	1.1486	4.6209	1.00259
3700	2.0154	3.2142	4.2374	1.4097	3.990	1.1671	4.6687	1.00302
3800	2.0609	3.2789	4.2537	1.4289	4.106	1.1873	4.7193	1.00346
3900	2.1046	3.3418	4.2695	1.4520	4.231	1.2091	4.7595	1.00393
4000	2.1458	3.4021	4.2849	1.4760	4.361	1.2321	4.8173	1.00443
4100	2.1853	3.4609	4.3000	1.4924	4.484	1.2566	4.8562	1.00498
4200	2.2241	3.5190	4.3150	1.5036	4.602	1.2823	4.9180	1.00554
4300	2.2622	3.5765	4.3301	1.5169	4.726	1.3093	4.9733	1.00216
4400	2.2995	3.6334	4.3451	1.5317	4.856	1.3383	5.0312	1.00674
4500	2.3363	3.6901	4.3603	1.5508	5.000	1.3698	5.0947	1.00745
4600	2.3717	3.7454	4.3753	1.5798	5.164	1.4034	5.1588	1.00807
4700	2.4053	3.7990	4.3900	1.6237	5.359	1.4389	5.2230	1.00860
4800	2.4375	3.8522	4.4048	1.6659	5.561	1.4787	5.2918	1.00924

S/R= 27.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4900	2.4686	3.9045	4.4197	1.6859	5.733	1.5213	5.3638	1.01000
5000	2.5015	3.9601	4.4356	1.7139	5.933	1.5710	5.4528	1.01054
5100	2.5312	4.0118	4.4506	1.7579	6.163	1.6202	5.5334	1.01115
5200	2.5593	4.0617	4.4652	1.7931	6.383	1.6707	5.6133	1.01163
5300	2.5861	4.1101	4.4797	1.8271	6.605	1.7229	5.6940	1.01044
5400	2.6117	4.1574	4.4941	1.8626	6.837	1.7774	5.7766	1.01094
5500	2.6360	4.2032	4.5084	1.8945	7.069	1.8339	5.8613	1.01152
5600	2.6600	4.2490	4.5229	1.9198	7.297	1.8941	5.9521	1.01275
5700	2.6838	4.2949	4.5376	1.9445	7.535	1.9587	6.0500	1.01318
5800	2.7074	4.3411	4.5527	1.9679	7.780	2.0278	6.1562	1.01366
5900	2.7312	4.3881	4.5684	1.9895	8.035	2.1031	6.2735	1.01405
6000	2.7552	4.4361	4.5846	2.0004	8.282	2.1852	6.4033	1.01497

S/R= 27.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.6543	-3.0907	2.5417	1.4019	0.605	1.0000	3.4806	1.00000
200	-1.9050	-2.0402	2.8434	1.4016	0.856	1.0000	3.4862	1.00000
300	-1.4656	-1.4247	3.0198	1.3996	1.048	1.0000	3.4890	1.00000
400	-1.1514	-0.9855	3.1455	1.3951	1.208	1.0000	3.4951	1.00000
500	-0.9041	-0.5413	3.2439	1.3876	1.347	1.0001	3.5072	1.00000
600	-0.6968	-0.3547	3.3255	1.3767	1.470	1.0001	3.5269	1.00000
700	-0.5158	-0.1067	3.3955	1.3656	1.581	1.0003	3.5516	1.00000
800	-0.3546	0.1125	3.4572	1.3547	1.684	1.0004	3.5819	1.00000
900	-0.2076	0.3108	3.5121	1.3450	1.780	1.0007	3.6133	1.00000
1000	-0.0737	0.4904	3.5619	1.3326	1.868	1.0010	3.6468	1.00000
1100	0.0544	0.6600	3.6073	1.3285	1.956	1.0015	3.6803	1.00000
1200	0.1682	0.8118	3.6490	1.3353	2.049	1.0019	3.7138	1.00000
1300	0.2721	0.9508	3.6877	1.3277	2.127	1.0025	3.7473	1.00000
1400	0.3742	1.0853	3.7237	1.3082	2.192	1.0032	3.7803	1.00000
1500	0.4761	1.2176	3.7573	1.3023	2.265	1.0042	3.8129	0.99999
1600	0.5688	1.3388	3.7892	1.3053	2.343	1.0052	3.8464	0.99998
1700	0.6574	1.4542	3.8194	1.3016	2.413	1.0064	3.8811	0.99997
1800	0.7422	1.5645	3.8477	1.2982	2.482	1.0079	3.9124	0.99996
1900	0.8239	1.6703	3.8749	1.2951	2.549	1.0096	3.9459	0.99996
2000	0.9026	1.7722	3.9009	1.2923	2.615	1.0115	3.9800	0.99996
2100	0.9788	1.8705	3.9258	1.2904	2.680	1.0138	4.0139	0.99996
2200	1.0524	1.9655	3.9498	1.2892	2.746	1.0164	4.0488	0.99997
2300	1.1237	2.0574	3.9727	1.2884	2.811	1.0194	4.0831	0.99999
2400	1.1930	2.1467	3.9949	1.2877	2.875	1.0229	4.1184	1.00003
2500	1.2607	2.2337	4.0165	1.2878	2.940	1.0269	4.1552	1.00009
2600	1.3264	2.3184	4.0374	1.2896	3.007	1.0315	4.1923	1.00016
2700	1.3903	2.4008	4.0576	1.2924	3.076	1.0367	4.2291	1.00028
2800	1.4524	2.4812	4.0773	1.2959	3.145	1.0425	4.2673	1.00043
2900	1.5128	2.5596	4.0964	1.2982	3.214	1.0492	4.3057	1.00061
3000	1.5727	2.6374	4.1154	1.3033	3.287	1.0569	4.3476	1.00082
3100	1.6301	2.7126	4.1337	1.3113	3.365	1.0653	4.3883	1.00109
3200	1.6862	2.7863	4.1515	1.3188	3.444	1.0748	4.4297	1.00140
3300	1.7408	2.8585	4.1690	1.3287	3.528	1.0854	4.4723	1.00174
3400	1.7936	2.9290	4.1862	1.3415	3.618	1.0972	4.5156	1.00214
3500	1.8441	2.9971	4.2027	1.3550	3.710	1.1100	4.5567	1.00257
3600	1.8932	3.0640	4.2191	1.3662	3.802	1.1241	4.5999	1.00305
3700	1.9415	3.1301	4.2352	1.3785	3.899	1.1398	4.6453	1.00355
3800	1.9884	3.1952	4.2513	1.3953	4.006	1.1572	4.6935	1.00408
3900	2.0335	3.2585	4.2669	1.4174	4.123	1.1759	4.7410	1.00463

S/R= 27.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4000	2.0760	3.3193	4.2820	1.4404	4.244	1.1957	4.7857	1.00520
4100	2.1167	3.3784	4.2968	1.4582	4.362	1.2169	4.8312	1.00581
4200	2.1566	3.4368	4.3116	1.4737	4.480	1.2399	4.8795	1.00644
4300	2.1955	3.4945	4.3264	1.4850	4.595	1.2646	4.9311	1.00014
4400	2.2338	3.5516	4.3410	1.4934	4.708	1.2898	4.9840	1.00774
4500	2.2717	3.6082	4.3558	1.5080	4.834	1.3168	5.0416	1.00847
4600	2.3081	3.6635	4.3703	1.5298	4.975	1.3451	5.0991	1.00917
4700	2.3425	3.7166	4.3844	1.5543	5.124	1.3745	5.1553	1.00980
4800	2.3755	3.7683	4.3982	1.5815	5.282	1.4054	5.2118	1.01051
4900	2.4074	3.8192	4.4121	1.6116	5.451	1.4390	5.2716	1.01133
5000	2.4412	3.8742	4.4274	1.6488	5.650	1.4809	5.3505	1.01192
5100	2.4719	3.9255	4.4417	1.6919	5.862	1.5228	5.4217	1.01263
5200	2.5009	3.9752	4.4558	1.7261	6.063	1.5663	5.4927	1.01318
5300	2.5288	4.0237	4.4697	1.7558	6.263	1.6117	5.5650	1.01232
5400	2.5560	4.0719	4.4837	1.7826	6.464	1.6599	5.6407	1.01271
5500	2.5826	4.1196	4.4978	1.8094	6.672	1.7109	5.7207	1.01328
5600	2.6087	4.1672	4.5121	1.8388	6.895	1.7653	5.8063	1.01449
5700	2.6340	4.2141	4.5265	1.8676	7.125	1.8234	5.8970	1.01487
5800	2.6590	4.2613	4.5413	1.8915	7.355	1.8859	5.9960	1.01530
5900	2.6843	4.3094	4.5566	1.9142	7.597	1.9544	6.1060	1.01570
6000	2.7099	4.3586	4.5725	1.9258	7.831	2.0295	6.2280	1.01654

S/R= 27.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.7413	-3.1777	2.5416	1.4016	0.605	1.0000	3.4806	1.00000
200	-1.9917	-2.1271	2.8434	1.4016	0.856	1.0000	3.4862	1.00000
300	-1.5526	-1.5116	3.0198	1.3998	1.048	1.0000	3.4890	1.00000
400	-1.2382	-1.0723	3.1455	1.3950	1.208	1.0000	3.4951	1.00000
500	-0.9909	-0.7280	3.2439	1.3875	1.347	1.0001	3.5073	1.00000
600	-0.7835	-0.4414	3.3255	1.3767	1.470	1.0001	3.5269	1.00000
700	-0.6026	-0.1936	3.3955	1.3657	1.581	1.0002	3.5516	1.00000
800	-0.4416	0.0256	3.4572	1.3545	1.684	1.0004	3.5819	1.00000
900	-0.2943	0.2241	3.5121	1.3452	1.780	1.0006	3.6132	1.00000
1000	-0.1604	0.4038	3.5619	1.3335	1.868	1.0009	3.6471	1.00000
1100	-0.0330	0.5726	3.6072	1.3275	1.955	1.0012	3.6801	1.00000
1200	0.0816	0.7250	3.6490	1.3336	2.047	1.0016	3.7135	1.00000
1300	0.1855	0.8639	3.6875	1.3271	2.126	1.0020	3.7470	1.00000
1400	0.2877	0.9985	3.7236	1.3073	2.191	1.0027	3.7799	1.00000
1500	0.3897	1.1308	3.7573	1.3014	2.263	1.0034	3.8123	0.99999
1600	0.4824	1.2520	3.7891	1.3041	2.341	1.0043	3.8455	0.99998
1700	0.5710	1.3674	3.8193	1.3000	2.410	1.0053	3.8801	0.99997
1800	0.6561	1.4777	3.8476	1.2963	2.478	1.0064	3.9111	0.99997
1900	0.7378	1.5835	3.8747	1.2928	2.544	1.0078	3.9443	0.99996
2000	0.8167	1.6854	3.9007	1.2896	2.609	1.0094	3.9780	0.99997
2100	0.8931	1.7837	3.9255	1.2871	2.674	1.0113	4.0115	0.99997
2200	0.9669	1.8787	3.9495	1.2854	2.738	1.0135	4.0461	0.99999
2300	1.0385	1.9707	3.9724	1.2838	2.801	1.0159	4.0799	1.00001
2400	1.1081	2.0600	3.9945	1.2824	2.863	1.0188	4.1146	1.00006
2500	1.1761	2.1471	4.0161	1.2817	2.926	1.0221	4.1510	1.00013
2600	1.2423	2.2319	4.0369	1.2822	2.991	1.0259	4.1875	1.00022
2700	1.3066	2.3145	4.0570	1.2841	3.056	1.0302	4.2236	1.00035
2800	1.3692	2.3950	4.0767	1.2865	3.123	1.0351	4.2612	1.00052
2900	1.4303	2.4736	4.0957	1.2873	3.187	1.0407	4.2988	1.00073
3000	1.4909	2.5516	4.1146	1.2909	3.256	1.0471	4.3397	1.00098

S/R= 27.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3100	1.5491	2.6269	4.1328	1.2977	3.330	1.0542	4.3794	1.00128
3200	1.6060	2.7010	4.1505	1.3033	3.404	1.0622	4.4197	1.00164
3300	1.6615	2.7734	4.1679	1.3110	3.481	1.0711	4.4610	1.00204
3400	1.7152	2.8442	4.1850	1.3220	3.565	1.0810	4.5029	1.00248
3500	1.7668	2.9126	4.2014	1.3337	3.651	1.0919	4.5426	1.00297
3600	1.8169	2.9798	4.2176	1.3427	3.736	1.1039	4.5840	1.00351
3700	1.8663	3.0463	4.2335	1.3526	3.824	1.1173	4.6275	1.00409
3800	1.9145	3.1117	4.2494	1.3663	3.920	1.1320	4.6735	1.00470
3900	1.9609	3.1755	4.2649	1.3850	4.027	1.1480	4.7188	1.00534
4000	2.0048	3.2368	4.2798	1.4065	4.140	1.1651	4.7616	1.00600
4100	2.0468	3.2963	4.2944	1.4243	4.251	1.1834	4.8044	1.00670
4200	2.0879	3.3551	4.3090	1.4393	4.361	1.2033	4.8496	1.00740
4300	2.1279	3.4131	4.3235	1.4548	4.476	1.2248	4.8976	1.00298
4400	2.1671	3.4704	4.3378	1.4682	4.592	1.2480	4.9472	1.00883
4500	2.2057	3.5273	4.3523	1.4780	4.705	1.2728	5.0010	1.00957
4600	2.2437	3.5826	4.3664	1.4922	4.826	1.2973	5.0535	1.01034
4700	2.2784	3.6357	4.3800	1.5124	4.958	1.3224	5.1040	1.01109
4800	2.3121	3.6872	4.3934	1.5309	5.090	1.3484	5.1540	1.01188
4900	2.3448	3.7374	4.4067	1.5386	5.208	1.3758	5.2055	1.01275
5000	2.3793	3.7905	4.4208	1.5524	5.362	1.4076	5.2704	1.01341
5100	2.4106	3.8403	4.4342	1.6168	5.573	1.4405	5.3294	1.01422
5200	2.4404	3.8893	4.4477	1.6605	5.775	1.4770	5.3912	1.01484
5300	2.4691	3.9374	4.4610	1.6894	5.957	1.5155	5.4546	1.01439
5400	2.4972	3.9853	4.4745	1.7154	6.141	1.5569	5.5216	1.01471
5500	2.5248	4.0330	4.4880	1.7391	6.328	1.6011	5.5931	1.01530
5600	2.5525	4.0813	4.5019	1.7602	6.520	1.6491	5.6715	1.01645
5700	2.5802	4.1304	4.5161	1.7835	6.726	1.7015	5.7577	1.01685
5800	2.6076	4.1796	4.5307	1.8113	6.950	1.7581	5.8518	1.01720
5900	2.6345	4.2288	4.5457	1.8384	7.184	1.8198	5.9544	1.01764
6000	2.6617	4.2791	4.5613	1.8503	7.403	1.8878	6.0688	1.01839

S/R= 27.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.8282	-3.2646	2.5417	1.4015	0.605	1.0000	3.4805	1.00000
200	-2.0785	-2.2139	2.8434	1.4016	0.856	1.0000	3.4862	1.00000
300	-1.6395	-1.5985	3.0198	1.4000	1.048	1.0000	3.4890	1.00000
400	-1.3252	-1.1593	3.1455	1.3950	1.208	1.0000	3.4951	1.00000
500	-1.0778	-0.8150	3.2439	1.3872	1.347	1.0001	3.5073	1.00000
600	-0.8703	-0.5282	3.3255	1.3765	1.470	1.0001	3.5269	1.00000
700	-0.6894	-0.2803	3.3955	1.3658	1.581	1.0002	3.5516	1.00000
800	-0.5284	-0.0613	3.4572	1.3546	1.684	1.0003	3.5818	1.00000
900	-0.3812	0.1371	3.5121	1.3452	1.780	1.0005	3.6131	1.00000
1000	-0.2472	0.3170	3.5620	1.3354	1.869	1.0007	3.6472	1.00000
1100	-0.1211	0.4845	3.6072	1.3271	1.955	1.0010	3.6798	1.00000
1200	-0.0052	0.6381	3.6489	1.3307	2.045	1.0013	3.7134	1.00000
1300	0.0986	0.7769	3.6876	1.3263	2.125	1.0017	3.7467	1.00000
1400	0.2011	0.9117	3.7236	1.3064	2.189	1.0022	3.7796	1.00000
1500	0.3031	1.0440	3.7572	1.3006	2.262	1.0028	3.8117	0.99999
1600	0.3959	1.1651	3.7890	1.3030	2.339	1.0035	3.8449	0.99998
1700	0.4846	1.2805	3.8192	1.2987	2.408	1.0043	3.8792	0.99997
1800	0.5697	1.3909	3.8475	1.2947	2.475	1.0053	3.9100	0.99997
1900	0.6516	1.4967	3.8746	1.2910	2.541	1.0064	3.9430	0.99997
2000	0.7307	1.5986	3.9005	1.2874	2.605	1.0077	3.9764	0.99998
2100	0.8072	1.6970	3.9253	1.2844	2.668	1.0093	4.0096	0.99998

S/R= 27.6

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2200	0.8812	1.7919	3.9492	1.2821	2.731	1.0110	4.0439	1.00000
2300	0.9530	1.8840	3.9721	1.2801	2.793	1.0131	4.0774	1.00003
2400	1.0229	1.9734	3.9942	1.2779	2.854	1.0155	4.1117	1.00009
2500	1.0912	2.0606	4.0157	1.2765	2.915	1.0182	4.1476	1.00017
2600	1.1577	2.1455	4.0365	1.2763	2.977	1.0214	4.1837	1.00028
2700	1.2225	2.2282	4.0566	1.2770	3.040	1.0249	4.2194	1.00043
2800	1.2857	2.3089	4.0762	1.2784	3.104	1.0290	4.2565	1.00062
2900	1.3473	2.3876	4.0952	1.2783	3.166	1.0337	4.2935	1.00086
3000	1.4085	2.4659	4.1140	1.2806	3.231	1.0391	4.3339	1.00115
3100	1.4674	2.5415	4.1321	1.2857	3.300	1.0450	4.3729	1.00149
3200	1.5251	2.6158	4.1498	1.2902	3.370	1.0518	4.4125	1.00189
3300	1.5814	2.6886	4.1672	1.2964	3.443	1.0594	4.4529	1.00234
3400	1.6361	2.7596	4.1841	1.3053	3.520	1.0678	4.4938	1.00284
3500	1.6885	2.8284	4.2004	1.3150	3.600	1.0770	4.5324	1.00340
3600	1.7397	2.8959	4.2165	1.3227	3.679	1.0872	4.5725	1.00400
3700	1.7901	2.9628	4.2323	1.3307	3.761	1.0987	4.6145	1.00465
3800	1.8394	3.0286	4.2481	1.3420	3.849	1.1112	4.6588	1.00534
3900	1.8870	3.0928	4.2634	1.3583	3.947	1.1249	4.7024	1.00606
4000	1.9321	3.1545	4.2781	1.3762	4.050	1.1395	4.7432	1.00682
4100	1.9755	3.2145	4.2926	1.3914	4.151	1.1553	4.7844	1.00761
4200	2.0179	3.2739	4.3070	1.4064	4.256	1.1725	4.8275	1.00841
4300	2.0592	3.3322	4.3212	1.4221	4.364	1.1912	4.8727	1.00885
4400	2.0994	3.3898	4.3353	1.4362	4.474	1.2114	4.9190	1.01001
4500	2.1390	3.4469	4.3495	1.4525	4.591	1.2333	4.9692	1.01081
4600	2.1770	3.5025	4.3633	1.4711	4.715	1.2564	5.0186	1.01163
4700	2.2131	3.5559	4.3767	1.4843	4.831	1.2796	5.0657	1.01248
4800	2.2476	3.6073	4.3897	1.4951	4.943	1.3021	5.1109	1.01335
4900	2.2810	3.6575	4.4026	1.4978	5.043	1.3253	5.1568	1.01426
5000	2.3163	3.7102	4.4162	1.5102	5.167	1.3519	5.2145	1.01501
5100	2.3482	3.7590	4.4289	1.5404	5.321	1.3781	5.2642	1.01590
5200	2.3785	3.8061	4.4414	1.5695	5.476	1.4053	5.3131	1.01663
5300	2.4077	3.8524	4.4538	1.6113	5.660	1.4348	5.3642	1.01661
5400	2.4365	3.8995	4.4665	1.6492	5.849	1.4692	5.4220	1.01691
5500	2.4649	3.9467	4.4795	1.6724	6.020	1.5065	5.4845	1.01752
5600	2.4934	3.9946	4.4928	1.6927	6.193	1.5475	5.5539	1.01861
5700	2.5221	4.0435	4.5065	1.7139	6.379	1.5928	5.6312	1.01915
5800	2.5511	4.0934	4.5207	1.7345	6.574	1.6426	5.7177	1.01946
5900	2.5806	4.1450	4.5355	1.7563	6.784	1.6984	5.8159	1.01998
6000	2.6104	4.1975	4.5508	1.7687	6.989	1.7601	5.9251	1.02054

S/R= 27.8

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.9150	-3.3514	2.5417	1.4015	0.605	1.0000	3.4806	1.00000
200	-2.1653	-2.3007	2.8434	1.4016	0.856	1.0000	3.4862	1.00000
300	-1.7263	-1.5853	3.0198	1.4001	1.048	1.0000	3.4890	1.00000
400	-1.4122	-1.2463	3.1455	1.3951	1.208	1.0000	3.4951	1.00000
500	-1.1648	-0.9020	3.2439	1.3870	1.347	1.0000	3.5073	1.00000
600	-0.9570	-0.6150	3.3255	1.3762	1.470	1.0001	3.5269	1.00000
700	-0.7761	-0.3671	3.3955	1.3657	1.581	1.0002	3.5517	1.00000
800	-0.6151	-0.1481	3.4572	1.3546	1.684	1.0003	3.5818	1.00000
900	-0.4680	0.0503	3.5121	1.3451	1.780	1.0004	3.6130	1.00000
1000	-0.3339	0.2302	3.5619	1.3371	1.870	1.0006	3.6471	1.00000
1100	-0.2090	0.3966	3.6072	1.3278	1.955	1.0008	3.6796	1.00000
1200	-0.0923	0.5511	3.6489	1.3279	2.042	1.0010	3.7131	1.00000

S/R= 27.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1300	0.0121	0.6902	3.6876	1.3249	2.124	1.0013	3.7464	1.00000
1400	0.1142	0.8246	3.7235	1.3060	2.189	1.0017	3.7792	1.00000
1500	0.2165	0.9572	3.7572	1.2997	2.260	1.0023	3.8114	0.99999
1600	0.3094	1.0783	3.7889	1.3022	2.338	1.0029	3.8443	0.99998
1700	0.3982	1.1937	3.8191	1.2977	2.406	1.0035	3.8785	0.99998
1800	0.4833	1.3041	3.8474	1.2934	2.473	1.0043	3.9092	0.99997
1900	0.5653	1.4099	3.8745	1.2894	2.538	1.0052	3.9419	0.99998
2000	0.6445	1.5118	3.9004	1.2855	2.601	1.0063	3.9751	0.99998
2100	0.7211	1.6102	3.9252	1.2822	2.664	1.0076	4.0081	0.99999
2200	0.7953	1.7052	3.9490	1.2794	2.725	1.0091	4.0422	1.00002
2300	0.8673	1.7973	3.9719	1.2768	2.786	1.0107	4.0754	1.00006
2400	0.9375	1.8868	3.9940	1.2743	2.846	1.0127	4.1095	1.00012
2500	1.0060	1.9740	4.0155	1.2721	2.905	1.0150	4.1451	1.00022
2600	1.0729	2.0591	4.0362	1.2712	2.966	1.0176	4.1809	1.00034
2700	1.1381	2.1419	4.0563	1.2712	3.027	1.0206	4.2163	1.00051
2800	1.2017	2.2228	4.0759	1.2716	3.088	1.0241	4.2531	1.00073
2900	1.2639	2.3018	4.0948	1.2704	3.147	1.0280	4.2899	1.00100
3000	1.3257	2.3803	4.1136	1.2719	3.210	1.0325	4.3298	1.00132
3100	1.3853	2.4562	4.1317	1.2759	3.276	1.0376	4.3685	1.00171
3200	1.4437	2.5308	4.1494	1.2788	3.341	1.0433	4.4076	1.00215
3300	1.5008	2.6039	4.1666	1.2838	3.410	1.0497	4.4474	1.00266
3400	1.5563	2.6754	4.1835	1.2916	3.484	1.0569	4.4878	1.00322
3500	1.6096	2.7445	4.1997	1.2994	3.559	1.0648	4.5256	1.00384
3600	1.6618	2.8124	4.2157	1.3052	3.632	1.0735	4.5649	1.00453
3700	1.7132	2.8797	4.2315	1.3118	3.708	1.0832	4.6058	1.00525
3800	1.7634	2.9458	4.2471	1.3217	3.791	1.0940	4.6489	1.00601
3900	1.8121	3.0104	4.2623	1.3356	3.881	1.1058	4.6911	1.00682
4000	1.8583	3.0726	4.2770	1.3511	3.976	1.1183	4.7304	1.00767
4100	1.9029	3.1331	4.2913	1.3638	4.068	1.1319	4.7700	1.00855
4200	1.9466	3.1929	4.3055	1.3756	4.162	1.1468	4.8113	1.00945
4300	1.9892	3.2518	4.3196	1.3898	4.263	1.1630	4.8548	1.01047
4400	2.0307	3.3098	4.3335	1.4045	4.368	1.1805	4.8987	1.01126
4500	2.0714	3.3672	4.3475	1.4208	4.478	1.1995	4.9459	1.01215
4600	2.1104	3.4231	4.3610	1.4421	4.600	1.2198	4.9920	1.01305
4700	2.1473	3.4767	4.3742	1.4643	4.726	1.2408	5.0360	1.01398
4800	2.1824	3.5285	4.3870	1.4787	4.841	1.2626	5.0789	1.01493
4900	2.2164	3.5789	4.3996	1.4721	4.922	1.2842	5.1214	1.01588
5000	2.2523	3.6314	4.4128	1.4764	5.023	1.3070	5.1738	1.01673
5100	2.2849	3.6800	4.4251	1.5011	5.159	1.3292	5.2178	1.01768
5200	2.3158	3.7267	4.4370	1.5189	5.284	1.3518	5.2602	1.01855
5300	2.3455	3.7721	4.4488	1.5342	5.408	1.3752	5.3028	1.01893
5400	2.3746	3.8170	4.4606	1.5522	5.540	1.4002	5.3476	1.01933
5500	2.4034	3.8619	4.4725	1.5897	5.713	1.4276	5.3965	1.01996
5600	2.4325	3.9090	4.4851	1.6258	5.899	1.4615	5.4563	1.02097
5700	2.4620	3.9572	4.4981	1.6667	6.067	1.4994	5.5241	1.02167
5800	2.4918	4.0066	4.5117	1.6671	6.244	1.5418	5.6010	1.02199
5900	2.5224	4.0580	4.5259	1.6868	6.432	1.5899	5.6895	1.02275
6000	2.5540	4.1115	4.5409	1.6968	6.617	1.6444	5.7909	1.02317

S/R= 28.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.0017	-3.4381	2.5417	1.4016	0.605	1.0000	3.4806	1.00000
200	-2.2522	-2.3875	2.8434	1.4016	0.856	1.0000	3.4862	1.00000
300	-1.8130	-1.7721	3.0198	1.4001	1.048	1.0000	3.4891	1.00000



S/R= 28.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
400	-1.4992	-1.3333	3.1455	1.3952	1.208	1.0000	3.4951	1.00000
500	-1.2516	-0.9888	3.2439	1.3869	1.347	1.0000	3.5073	1.00000
600	-1.0439	-0.7019	3.3255	1.3762	1.470	1.0001	3.5269	1.00000
700	-0.8630	-0.4540	3.3955	1.3653	1.581	1.0002	3.5517	1.00000
800	-0.7017	-0.2346	3.4572	1.3545	1.684	1.0002	3.5817	1.00000
900	-0.5548	-0.0366	3.5121	1.3453	1.780	1.0003	3.6130	1.00000
1000	-0.4207	0.1433	3.5619	1.3372	1.870	1.0005	3.6470	1.00000
1100	-0.2959	0.3096	3.6072	1.3287	1.956	1.0006	3.6794	1.00000
1200	-0.1794	0.4640	3.6489	1.3256	2.040	1.0008	3.7128	1.00000
1300	-0.0732	0.6050	3.6875	1.3232	2.122	1.0011	3.7462	1.00000
1400	0.0276	0.7379	3.7235	1.3072	2.189	1.0014	3.7790	1.00000
1500	0.1299	0.8704	3.7571	1.2993	2.260	1.0019	3.8111	0.99999
1600	0.2228	0.9915	3.7889	1.3016	2.336	1.0023	3.8439	0.99999
1700	0.3116	1.1069	3.8190	1.2968	2.404	1.0029	3.8779	0.99998
1800	0.3969	1.2172	3.8473	1.2924	2.471	1.0035	3.9085	0.99998
1900	0.4789	1.3231	3.8744	1.2881	2.535	1.0043	3.9411	0.99999
2000	0.5581	1.4250	3.9003	1.2840	2.598	1.0052	3.9741	0.99999
2100	0.6349	1.5234	3.9250	1.2804	2.660	1.0062	4.0069	1.00000
2200	0.7092	1.6185	3.9489	1.2772	2.721	1.0074	4.0408	1.00003
2300	0.7815	1.7106	3.9717	1.2742	2.781	1.0088	4.0739	1.00008
2400	0.8519	1.8002	3.9938	1.2711	2.839	1.0105	4.1078	1.00016
2500	0.9207	1.8876	4.0153	1.2685	2.898	1.0124	4.1433	1.00026
2600	0.9879	1.9727	4.0360	1.2670	2.956	1.0146	4.1789	1.00041
2700	1.0535	2.0558	4.0561	1.2661	3.015	1.0171	4.2142	1.00060
2800	1.1175	2.1369	4.0756	1.2659	3.075	1.0200	4.2509	1.00084
2900	1.1801	2.2162	4.0946	1.2640	3.132	1.0233	4.2876	1.00114
3000	1.2426	2.2949	4.1133	1.2642	3.192	1.0272	4.3274	1.00151
3100	1.3028	2.3712	4.1314	1.2674	3.255	1.0315	4.3659	1.00194
3200	1.3619	2.4461	4.1491	1.2695	3.318	1.0364	4.4048	1.00243
3300	1.4197	2.5196	4.1663	1.2731	3.383	1.0419	4.4444	1.00300
3400	1.4760	2.5914	4.1832	1.2794	3.453	1.0480	4.4843	1.00363
3500	1.5302	2.6610	4.1994	1.2863	3.524	1.0547	4.5218	1.00432
3600	1.5832	2.7294	4.2153	1.2907	3.593	1.0623	4.5607	1.00508
3700	1.6356	2.7970	4.2310	1.2955	3.663	1.0706	4.6009	1.00588
3800	1.6869	2.8636	4.2466	1.3038	3.740	1.0798	4.6431	1.00670
3900	1.7365	2.9286	4.2617	1.3163	3.825	1.0900	4.6842	1.00763
4000	1.7838	2.9912	4.2762	1.3300	3.913	1.1009	4.7226	1.00857
4100	1.8294	3.0521	4.2905	1.3406	3.999	1.1126	4.7609	1.00955
4200	1.8742	3.1124	4.3046	1.3506	4.086	1.1255	4.8007	1.01054
4300	1.9179	3.1717	4.3185	1.3620	4.177	1.1394	4.8424	1.01198
4400	1.9607	3.2302	4.3323	1.3733	4.271	1.1546	4.8847	1.01256
4500	2.0027	3.2881	4.3461	1.3891	4.375	1.1711	4.9300	1.01357
4600	2.0428	3.3443	4.3594	1.4111	4.492	1.1887	4.9735	1.01456
4700	2.0807	3.3982	4.3723	1.4333	4.611	1.2072	5.0148	1.01558
4800	2.1168	3.4503	4.3849	1.4530	4.729	1.2265	5.0548	1.01661
4900	2.1515	3.5010	4.3973	1.4592	4.828	1.2466	5.0949	1.01764
5000	2.1878	3.5539	4.4103	1.4651	4.931	1.2693	5.1449	1.01856
5100	2.2208	3.6026	4.4223	1.4781	5.042	1.2898	5.1853	1.01958
5200	2.2522	3.6492	4.4339	1.4873	5.146	1.3093	5.2231	1.02058
5300	2.2824	3.6943	4.4453	1.4969	5.251	1.3291	5.2603	1.02133
5400	2.3121	3.7388	4.4566	1.5052	5.356	1.3497	5.2988	1.02196
5500	2.3413	3.7829	4.4679	1.5135	5.464	1.3715	5.3400	1.02268
5600	2.3706	3.8274	4.4794	1.5227	5.578	1.3954	5.3859	1.02360
5700	2.4003	3.8727	4.4913	1.5595	5.750	1.4222	5.4381	1.02438
5800	2.4307	3.9211	4.5042	1.5995	5.945	1.4569	5.5047	1.02475

S/R= 28.0								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5900	2.4621	3.9716	4.5177	1.6193	6.116	1.4970	5.5827	1.02573
6000	2.4946	4.0245	4.5320	1.6294	6.281	1.5432	5.6735	1.02610

S/R= 28.2								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.0887	-3.5251	2.5417	1.4016	0.605	1.0000	3.4805	1.00000
200	-2.3391	-2.4745	2.8434	1.4015	0.856	1.0000	3.4862	1.00000
300	-1.8997	-1.8588	3.0198	1.4001	1.048	1.0000	3.4891	1.00000
400	-1.5861	-1.4202	3.1455	1.3952	1.208	1.0000	3.4951	1.00000
500	-1.3384	-1.0756	3.2439	1.3869	1.347	1.0000	3.5073	1.00000
600	-1.1309	-0.7888	3.3256	1.3764	1.470	1.0001	3.5269	1.00000
700	-0.9500	-0.5410	3.3955	1.3649	1.581	1.0001	3.5517	1.00000
800	-0.7883	-0.3213	3.4572	1.3544	1.683	1.0002	3.5817	1.00000
900	-0.6417	-0.1235	3.5121	1.3455	1.780	1.0003	3.6129	1.00000
1000	-0.5075	0.0565	3.5619	1.3368	1.870	1.0004	3.6469	1.00000
1100	-0.3826	0.2229	3.6072	1.3289	1.956	1.0005	3.6794	1.00000
1200	-0.2663	0.3771	3.6489	1.3236	2.039	1.0007	3.7127	1.00000
1300	-0.1581	0.5201	3.6875	1.3208	2.120	1.0009	3.7460	1.00000
1400	-0.0577	0.6525	3.7235	1.3088	2.190	1.0012	3.7787	1.00000
1500	0.0432	0.7835	3.7571	1.3003	2.260	1.0015	3.8109	0.99999
1600	0.1361	0.9047	3.7889	1.3011	2.335	1.0019	3.8435	0.99999
1700	0.2250	1.0200	3.8190	1.2962	2.403	1.0024	3.8775	0.99999
1800	0.3103	1.1304	3.8472	1.2915	2.469	1.0029	3.9079	0.99998
1900	0.3924	1.2363	3.8743	1.2871	2.533	1.0035	3.9404	0.99999
2000	0.4717	1.3382	3.9002	1.2827	2.596	1.0042	3.9733	1.00000
2100	0.5486	1.4366	3.9249	1.2788	2.657	1.0051	4.0059	1.00001
2200	0.6231	1.5317	3.9488	1.2753	2.717	1.0061	4.0397	1.00004
2300	0.6955	1.6240	3.9716	1.2719	2.776	1.0073	4.0727	1.00010
2400	0.7661	1.7136	3.9937	1.2685	2.834	1.0087	4.1066	1.00019
2500	0.8352	1.8011	4.0151	1.2654	2.891	1.0102	4.1420	1.00031
2600	0.9027	1.8864	4.0359	1.2633	2.948	1.0121	4.1776	1.00047
2700	0.9686	1.9697	4.0559	1.2619	3.006	1.0142	4.2129	1.00069
2800	1.0331	2.0510	4.0755	1.2609	3.064	1.0167	4.2496	1.00096
2900	1.0962	2.1306	4.0945	1.2583	3.119	1.0195	4.2864	1.00130
3000	1.1592	2.2097	4.1132	1.2581	3.177	1.0228	4.3262	1.00171
3100	1.2200	2.2863	4.1313	1.2601	3.238	1.0265	4.3548	1.00219
3200	1.2798	2.3616	4.1490	1.2613	3.298	1.0307	4.4037	1.00274
3300	1.3383	2.4355	4.1662	1.2642	3.361	1.0354	4.4433	1.00337
3400	1.3953	2.5078	4.1831	1.2693	3.427	1.0408	4.4832	1.00406
3500	1.4504	2.5778	4.1993	1.2746	3.494	1.0466	4.5206	1.00483
3600	1.5043	2.6466	4.2152	1.2781	3.560	1.0530	4.5592	1.00567
3700	1.5576	2.7148	4.2309	1.2821	3.627	1.0603	4.5992	1.00655
3800	1.6098	2.7819	4.2464	1.2887	3.699	1.0684	4.6410	1.00744
3900	1.6604	2.8473	4.2614	1.2993	3.778	1.0771	4.6814	1.00848
4000	1.7087	2.9104	4.2759	1.3116	3.861	1.0865	4.7190	1.00952
4100	1.7553	2.9718	4.2901	1.3211	3.941	1.0967	4.7565	1.01060
4200	1.8011	3.0324	4.3041	1.3294	4.022	1.1079	4.7953	1.01169
4300	1.8458	3.0921	4.3179	1.3390	4.106	1.1200	4.8355	1.01305
4400	1.8896	3.1510	4.3315	1.3486	4.193	1.1332	4.8761	1.01392
4500	1.9327	3.2093	4.3451	1.3606	4.286	1.1475	4.9195	1.01504
4600	1.9741	3.2660	4.3584	1.3789	4.392	1.1627	4.9615	1.01614
4700	2.0133	3.3204	4.3712	1.4013	4.506	1.1788	5.0011	1.01727
4800	2.0514	3.3729	4.3836	1.4224	4.620	1.1957	5.0389	1.01839
4900	2.0881	3.4240	4.3958	1.4300	4.715	1.2136	5.0767	1.01952

S/R= 28.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5000	2.1234	3.4772	4.4086	1.4448	4.828	1.2338	5.1237	1.02051
5100	2.1569	3.5262	4.4204	1.4736	4.964	1.2537	5.1621	1.02161
5200	2.1884	3.5731	4.4318	1.4830	5.068	1.2737	5.1980	1.02273
5300	2.2189	3.6183	4.4429	1.4783	5.145	1.2922	5.2320	1.02379
5400	2.2490	3.6626	4.4539	1.4764	5.226	1.3101	5.2661	1.02468
5500	2.2786	3.7064	4.4648	1.4779	5.314	1.3285	5.3020	1.02553
5600	2.3084	3.7504	4.4759	1.4785	5.403	1.3481	5.3415	1.02645
5700	2.3385	3.7949	4.4871	1.4831	5.502	1.3694	5.3861	1.02730
5800	2.3690	3.8403	4.4988	1.4915	5.614	1.3931	5.4372	1.02776
5900	2.4005	3.8874	4.5110	1.5293	5.789	1.4205	5.4975	1.02887
6000	2.4335	3.9390	4.5245	1.5607	5.975	1.4582	5.5769	1.02923

S/R= 28.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.1756	-3.6121	2.5417	1.4016	0.605	1.0000	3.4806	1.00000
200	-2.4260	-2.5614	2.8434	1.4015	0.856	1.0000	3.4862	1.00000
300	-1.9865	-1.9456	3.0198	1.4000	1.048	1.0000	3.4891	1.00000
400	-1.5729	-1.5070	3.1455	1.3952	1.208	1.0000	3.4951	1.00000
500	-1.4251	-1.1623	3.2439	1.3870	1.347	1.0000	3.5073	1.00000
600	-1.2178	-0.8758	3.3256	1.3765	1.470	1.0001	3.5270	1.00000
700	-1.0369	-0.6279	3.3955	1.3649	1.581	1.0001	3.5517	1.00000
800	-0.8752	-0.4081	3.4572	1.3544	1.683	1.0002	3.5817	1.00000
900	-0.7287	-0.2105	3.5121	1.3454	1.780	1.0002	3.6129	1.00000
1000	-0.5944	-0.0303	3.5619	1.3364	1.870	1.0003	3.6469	1.00000
1100	-0.4694	0.1361	3.6072	1.3287	1.955	1.0004	3.6793	1.00000
1200	-0.3531	0.2903	3.6489	1.3225	2.038	1.0006	3.7126	1.00000
1300	-0.2439	0.4343	3.6875	1.3182	2.118	1.0007	3.7458	1.00000
1400	-0.1425	0.5679	3.7234	1.3099	2.191	1.0010	3.7785	1.00000
1500	-0.0435	0.6968	3.7571	1.3023	2.262	1.0013	3.8107	0.99999
1600	0.0495	0.8178	3.7888	1.3002	2.334	1.0016	3.8433	0.99999
1700	0.1383	0.9332	3.8190	1.2957	2.402	1.0019	3.8771	0.99999
1800	0.2237	1.0436	3.8472	1.2909	2.468	1.0024	3.9074	0.99999
1900	0.3059	1.1495	3.8742	1.2862	2.532	1.0029	3.9398	0.99999
2000	0.3853	1.2514	3.9001	1.2816	2.594	1.0035	3.9725	1.00000
2100	0.4622	1.3498	3.9248	1.2775	2.654	1.0042	4.0052	1.00002
2200	0.5368	1.4450	3.9487	1.2737	2.714	1.0050	4.0389	1.00006
2300	0.6094	1.5373	3.9715	1.2699	2.772	1.0060	4.0720	1.00013
2400	0.6802	1.6271	3.9936	1.2662	2.829	1.0072	4.1058	1.00022
2500	0.7495	1.7147	4.0151	1.2628	2.885	1.0085	4.1412	1.00036
2600	0.8173	1.8002	4.0358	1.2601	2.942	1.0101	4.1768	1.00054
2700	0.8836	1.8837	4.0559	1.2581	2.998	1.0119	4.2123	1.00079
2800	0.9485	1.9653	4.0755	1.2567	3.055	1.0140	4.2492	1.00109
2900	1.0121	2.0452	4.0945	1.2534	3.108	1.0165	4.2862	1.00147
3000	1.0757	2.1247	4.1132	1.2525	3.165	1.0193	4.3263	1.00192
3100	1.1370	2.2016	4.1314	1.2540	3.224	1.0225	4.3651	1.00245
3200	1.1975	2.2774	4.1490	1.2544	3.282	1.0262	4.4043	1.00307
3300	1.2567	2.3517	4.1663	1.2562	3.342	1.0303	4.4441	1.00376
3400	1.3145	2.4245	4.1832	1.2605	3.406	1.0348	4.4841	1.00453
3500	1.3704	2.4950	4.1994	1.2651	3.470	1.0400	4.5218	1.00533
3600	1.4251	2.5644	4.2153	1.2673	3.532	1.0456	4.5505	1.00630
3700	1.4792	2.6330	4.2310	1.2702	3.595	1.0519	4.6003	1.00727
3800	1.5324	2.7006	4.2465	1.2760	3.664	1.0589	4.6419	1.00827
3900	1.5839	2.7666	4.2615	1.2853	3.739	1.0666	4.6823	1.00940
4000	1.6332	2.8302	4.2760	1.2957	3.817	1.0748	4.7195	1.01053

S/R= 28.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4100	1.6808	2.8921	4.2901	1.3037	3.892	1.0837	4.7564	1.01172
4200	1.7275	2.9532	4.3040	1.3112	3.968	1.0934	4.7943	1.01292
4300	1.7732	3.0132	4.3177	1.3197	4.048	1.1041	4.8335	1.01410
4400	1.8179	3.0724	4.3312	1.3277	4.128	1.1156	4.8729	1.01536
4500	1.8619	3.1311	4.3447	1.3380	4.214	1.1280	4.9147	1.01658
4600	1.9043	3.1881	4.3578	1.3535	4.311	1.1413	4.9550	1.01779
4700	1.9446	3.2430	4.3705	1.3708	4.412	1.1552	4.9930	1.01903
4800	1.9831	3.2961	4.3828	1.3889	4.516	1.1699	5.0297	1.02027
4900	2.0201	3.3478	4.3949	1.3989	4.610	1.1855	5.0650	1.02150
5000	2.0584	3.4014	4.4075	1.4161	4.720	1.2034	5.1109	1.02257
5100	2.0928	3.4508	4.4191	1.4466	4.854	1.2212	5.1471	1.02375
5200	2.1251	3.4979	4.4304	1.4676	4.973	1.2393	5.1805	1.02497
5300	2.1559	3.5434	4.4413	1.4815	5.082	1.2577	5.2125	1.02622
5400	2.1859	3.5880	4.4521	1.4803	5.166	1.2767	5.2450	1.02740
5500	2.2156	3.6318	4.4628	1.4646	5.222	1.2945	5.2780	1.02845
5600	2.2457	3.6756	4.4735	1.4520	5.281	1.3115	5.3132	1.02942
5700	2.2762	3.7198	4.4844	1.4485	5.357	1.3293	5.3522	1.03033
5800	2.3071	3.7645	4.4956	1.4469	5.440	1.3484	5.3967	1.03097
5900	2.3389	3.8105	4.5071	1.4486	5.533	1.3698	5.4485	1.03202
6000	2.3719	3.8584	4.5193	1.4510	5.635	1.3946	5.5098	1.03249

S/R= 28.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.2625	-3.5989	2.5417	1.4016	0.605	1.0000	3.4806	1.00000
200	-2.5129	-2.6482	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-2.0735	-2.0326	3.0198	1.4000	1.048	1.0000	3.4891	1.00000
400	-1.7596	-1.5937	3.1455	1.3952	1.208	1.0000	3.4951	1.00000
500	-1.5119	-1.2491	3.2439	1.3869	1.347	1.0000	3.5073	1.00000
600	-1.3045	-0.9625	3.3256	1.3765	1.470	1.0000	3.5270	1.00000
700	-1.1236	-0.7147	3.3955	1.3651	1.581	1.0001	3.5516	1.00000
800	-0.9621	-0.4951	3.4572	1.3546	1.683	1.0001	3.5817	1.00000
900	-0.8156	-0.2974	3.5121	1.3450	1.779	1.0002	3.6129	1.00000
1000	-0.6811	-0.1171	3.5619	1.3362	1.870	1.0003	3.6468	1.00000
1100	-0.5562	0.0493	3.6072	1.3286	1.955	1.0003	3.6793	1.00000
1200	-0.4398	0.2034	3.6489	1.3224	2.038	1.0005	3.7125	1.00000
1300	-0.3307	0.3474	3.6875	1.3165	2.116	1.0006	3.7456	1.00000
1400	-0.2279	0.4825	3.7234	1.3102	2.191	1.0008	3.7783	1.00000
1500	-0.1302	0.6101	3.7571	1.3039	2.263	1.0010	3.8105	0.99999
1600	-0.0372	0.7311	3.7888	1.2991	2.333	1.0013	3.8431	0.99999
1700	0.0516	0.8463	3.8189	1.2948	2.401	1.0016	3.8768	0.99999
1800	0.1370	0.9567	3.8471	1.2903	2.467	1.0019	3.9070	0.99999
1900	0.2193	1.0626	3.8742	1.2855	2.530	1.0024	3.9394	1.00000
2000	0.2987	1.1646	3.9001	1.2807	2.592	1.0029	3.9721	1.00001
2100	0.3758	1.2630	3.9248	1.2763	2.652	1.0034	4.0046	1.00003
2200	0.4505	1.3583	3.9486	1.2723	2.711	1.0041	4.0384	1.00008
2300	0.5233	1.4507	3.9715	1.2683	2.769	1.0050	4.0714	1.00015
2400	0.5942	1.5406	3.9936	1.2643	2.825	1.0060	4.1054	1.00026
2500	0.6638	1.6284	4.0150	1.2604	2.881	1.0071	4.1408	1.00041
2600	0.7319	1.7141	4.0358	1.2574	2.936	1.0084	4.1766	1.00062
2700	0.7985	1.7978	4.0559	1.2549	2.992	1.0100	4.2123	1.00089
2800	0.8639	1.8797	4.0755	1.2529	3.047	1.0118	4.2496	1.00123
2900	0.9280	1.9600	4.0945	1.2492	3.099	1.0140	4.2870	1.00165
3000	0.9920	2.0398	4.1134	1.2477	3.154	1.0165	4.3275	1.00215
3100	1.0540	2.1172	4.1315	1.2485	3.212	1.0193	4.3667	1.00275

S/R= 28.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3200	1.1151	2.1934	4.1492	1.2484	3.268	1.0225	4.4063	1.00342
3300	1.1750	2.2683	4.1665	1.2496	3.326	1.0261	4.4466	1.00418
3400	1.2336	2.3415	4.1834	1.2529	3.387	1.0301	4.4871	1.00504
3500	1.2902	2.4127	4.1997	1.2566	3.449	1.0346	4.5250	1.00108
3600	1.3458	2.4826	4.2157	1.2584	3.509	1.0396	4.5641	1.00698
3700	1.4008	2.5517	4.2314	1.2602	3.570	1.0452	4.6042	1.00805
3800	1.4548	2.6199	4.2469	1.2646	3.635	1.0513	4.6459	1.00917
3900	1.5073	2.6864	4.2619	1.2730	3.706	1.0580	4.6861	1.01037
4000	1.5574	2.7505	4.2763	1.2827	3.781	1.0653	4.7233	1.01162
4100	1.6059	2.8130	4.2904	1.2893	3.852	1.0732	4.7601	1.01291
4200	1.6536	2.8746	4.3043	1.2951	3.923	1.0817	4.7975	1.01422
4300	1.7003	2.9351	4.3180	1.3026	3.997	1.0910	4.8362	1.01540
4400	1.7459	2.9947	4.3314	1.3100	4.074	1.1011	4.8746	1.01688
4500	1.7907	3.0536	4.3448	1.3192	4.155	1.1120	4.9152	1.01821
4600	1.8340	3.1110	4.3577	1.3327	4.244	1.1237	4.9541	1.01953
4700	1.8752	3.1662	4.3703	1.3478	4.338	1.1358	4.9907	1.02089
4800	1.9147	3.2198	4.3825	1.3620	4.431	1.1487	5.0260	1.02223
4900	1.9528	3.2720	4.3944	1.3665	4.511	1.1623	5.0611	1.02358
5000	1.9927	3.3263	4.4070	1.3830	4.615	1.1778	5.1050	1.02474
5100	2.0282	3.3762	4.4185	1.4169	4.749	1.1935	5.1397	1.02602
5200	2.0614	3.4238	4.4296	1.4408	4.868	1.2098	5.1712	1.02732
5300	2.0929	3.4695	4.4404	1.4576	4.977	1.2264	5.2011	1.02868
5400	2.1235	3.5142	4.4510	1.4684	5.078	1.2437	5.2309	1.03000
5500	2.1534	3.5583	4.4615	1.4734	5.170	1.2615	5.2620	1.03124
5600	2.1833	3.6023	4.4721	1.4635	5.238	1.2801	5.2959	1.03240
5700	2.2138	3.6466	4.4828	1.4398	5.278	1.2980	5.3325	1.03344
5800	2.2449	3.6911	4.4936	1.4213	5.323	1.3145	5.3724	1.03428
5900	2.2771	3.7366	4.5047	1.4135	5.390	1.3322	5.4183	1.03524
6000	2.3104	3.7836	4.5163	1.4108	5.470	1.3518	5.4718	1.03583

S/R= 28.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.3492	-3.7856	2.5417	1.4016	0.605	1.0000	3.4806	1.00000
200	-2.5996	-2.7349	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-2.1604	-2.1197	3.0198	1.4001	1.048	1.0000	3.4891	1.00000
400	-1.8465	-1.6806	3.1455	1.3953	1.208	1.0000	3.4952	1.00000
500	-1.5987	-1.3359	3.2439	1.3868	1.347	1.0000	3.5073	1.00000
600	-1.3913	-1.0493	3.3256	1.3764	1.470	1.0000	3.5270	1.00000
700	-1.2104	-0.8015	3.3955	1.3654	1.581	1.0001	3.5516	1.00000
800	-1.0491	-0.5821	3.4572	1.3546	1.683	1.0001	3.5817	1.00000
900	-0.9024	-0.3842	3.5121	1.3447	1.779	1.0001	3.6129	1.00000
1000	-0.7679	-0.2039	3.5619	1.3362	1.869	1.0002	3.6467	1.00000
1100	-0.6430	-0.0376	3.6072	1.3286	1.955	1.0003	3.6792	1.00000
1200	-0.5266	0.1166	3.6489	1.3225	2.038	1.0004	3.7124	1.00000
1300	-0.4177	0.2603	3.6875	1.3163	2.116	1.0005	3.7456	1.00000
1400	-0.3146	0.3958	3.7234	1.3102	2.191	1.0007	3.7782	1.00000
1500	-0.2170	0.5233	3.7570	1.3045	2.263	1.0008	3.8103	0.99999
1600	-0.1240	0.6443	3.7888	1.2986	2.332	1.0010	3.8428	0.99999
1700	-0.0351	0.7596	3.8189	1.2937	2.400	1.0013	3.8763	0.99999
1800	0.0503	0.8699	3.8471	1.2894	2.466	1.0016	3.9067	0.99999
1900	0.1326	0.9758	3.8741	1.2850	2.529	1.0019	3.9390	1.00000
2000	0.2121	1.0778	3.9000	1.2801	2.590	1.0024	3.9717	1.00002
2100	0.2892	1.1763	3.9247	1.2754	2.650	1.0028	4.0042	1.00004
2200	0.3641	1.2716	3.9486	1.2711	2.709	1.0034	4.0380	1.00010

S/R= 28.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2300	0.4370	1.3641	3.9714	1.2668	2.766	1.0041	4.0712	1.00018
2400	0.5082	1.4542	3.9935	1.2626	2.822	1.0050	4.1052	1.00030
2500	0.5780	1.5421	4.0150	1.2584	2.877	1.0060	4.1409	1.00047
2600	0.6464	1.6280	4.0358	1.2550	2.931	1.0071	4.1769	1.00070
2700	0.7134	1.7120	4.0560	1.2521	2.986	1.0085	4.2130	1.00100
2800	0.7791	1.7943	4.0755	1.2496	3.040	1.0101	4.2507	1.00139
2900	0.8437	1.8749	4.0947	1.2454	3.092	1.0120	4.2886	1.00185
3000	0.9084	1.9552	4.1136	1.2435	3.145	1.0142	4.3296	1.00240
3100	0.9709	2.0331	4.1318	1.2439	3.202	1.0167	4.3694	1.00306
3200	1.0327	2.1098	4.1496	1.2430	3.256	1.0195	4.4096	1.00381
3300	1.0933	2.1852	4.1669	1.2437	3.313	1.0227	4.4505	1.00464
3400	1.1526	2.2590	4.1839	1.2465	3.373	1.0264	4.4916	1.00558
3500	1.2101	2.3307	4.2002	1.2493	3.432	1.0304	4.5303	1.00541
3600	1.2665	2.4012	4.2162	1.2502	3.490	1.0348	4.5699	1.00772
3700	1.3223	2.4710	4.2319	1.2516	3.548	1.0398	4.6104	1.00889
3800	1.3771	2.5397	4.2475	1.2553	3.611	1.0452	4.6524	1.01012
3900	1.4305	2.6068	4.2625	1.2623	3.679	1.0512	4.6930	1.01142
4000	1.4816	2.6716	4.2770	1.2708	3.750	1.0576	4.7303	1.01278
4100	1.5310	2.7346	4.2910	1.2770	3.818	1.0646	4.7671	1.01418
4200	1.5796	2.7967	4.3049	1.2820	3.886	1.0723	4.8045	1.01561
4300	1.6271	2.8578	4.3186	1.2878	3.956	1.0805	4.8429	1.01680
4400	1.6736	2.9178	4.3319	1.2939	4.027	1.0893	4.8807	1.01849
4500	1.7193	2.9771	4.3452	1.3026	4.104	1.0989	4.9204	1.01994
4600	1.7634	3.0348	4.3581	1.3156	4.190	1.1092	4.9582	1.02137
4700	1.8054	3.0903	4.3705	1.3290	4.277	1.1201	4.9936	1.02284
4800	1.8457	3.1442	4.3826	1.3406	4.363	1.1314	5.0277	1.02430
4900	1.8848	3.1968	4.3945	1.3429	4.436	1.1434	5.0617	1.02575
5000	1.9257	3.2516	4.4069	1.3547	4.527	1.1569	5.1043	1.02701
5100	1.9626	3.3022	4.4184	1.3824	4.646	1.1706	5.1382	1.02839
5200	1.9972	3.3504	4.4294	1.4082	4.753	1.1848	5.1689	1.02979
5300	2.0296	3.3965	4.4400	1.4303	4.876	1.1996	5.1972	1.03122
5400	2.0609	3.4415	4.4505	1.4442	4.978	1.2152	5.2250	1.03263
5500	2.0914	3.4857	4.4609	1.4524	5.072	1.2313	5.2537	1.03400
5600	2.1217	3.5299	4.4712	1.4543	5.156	1.2484	5.2848	1.03529
5700	2.1523	3.5743	4.4817	1.4534	5.238	1.2664	5.3195	1.03649
5800	2.1832	3.6192	4.4925	1.4381	5.295	1.2853	5.3587	1.03759
5900	2.2152	3.6649	4.5034	1.4066	5.318	1.3033	5.4023	1.03852
6000	2.2488	3.7115	4.5146	1.3899	5.365	1.3200	5.4506	1.03926

S/R= 29.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.4361	-3.8725	2.5417	1.4016	0.605	1.0000	3.4806	1.00000
200	-2.6865	-2.8219	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-2.2473	-2.2066	3.0198	1.4001	1.048	1.0000	3.4891	1.00000
400	-1.9335	-1.7676	3.1455	1.3954	1.208	1.0000	3.4952	1.00000
500	-1.6856	-1.4228	3.2439	1.3868	1.347	1.0000	3.5073	1.00000
600	-1.4783	-1.1363	3.3256	1.3764	1.470	1.0000	3.5270	1.00000
700	-1.2974	-0.8884	3.3955	1.3654	1.581	1.0001	3.5515	1.00000
800	-1.1361	-0.5691	3.4572	1.3543	1.683	1.0001	3.5817	1.00000
900	-0.9892	-0.4710	3.5121	1.3444	1.779	1.0001	3.6129	1.00000
1000	-0.8546	-0.2907	3.5619	1.3361	1.869	1.0002	3.6467	1.00000
1100	-0.7297	-0.1244	3.6071	1.3286	1.955	1.0002	3.6791	1.00000
1200	-0.6134	0.0298	3.6488	1.3226	2.038	1.0003	3.7124	1.00000
1300	-0.5045	0.1735	3.6875	1.3165	2.116	1.0004	3.7455	1.00000

S/R= 29.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1400	-0.4016	0.3086	3.7234	1.3101	2.191	1.0005	3.7781	1.00000
1500	-0.3038	0.4365	3.7570	1.3045	2.263	1.0007	3.8101	0.99999
1600	-0.2108	0.5576	3.7888	1.2990	2.332	1.0009	3.8427	0.99999
1700	-0.1218	0.6728	3.8188	1.2931	2.399	1.0011	3.8754	0.99999
1800	-0.0364	0.7831	3.8471	1.2882	2.464	1.0013	3.9064	0.99999
1900	0.0459	0.8890	3.8741	1.2840	2.528	1.0016	3.9388	1.00001
2000	0.1255	0.9910	3.9000	1.2794	2.589	1.0019	3.9714	1.00002
2100	0.2027	1.0895	3.9247	1.2746	2.649	1.0023	4.0039	1.00006
2200	0.2777	1.1849	3.9485	1.2700	2.707	1.0028	4.0378	1.00012
2300	0.3508	1.2776	3.9714	1.2656	2.764	1.0034	4.0711	1.00021
2400	0.4222	1.3678	3.9936	1.2610	2.819	1.0042	4.1054	1.00035
2500	0.4922	1.4559	4.0151	1.2566	2.873	1.0050	4.1413	1.00054
2600	0.5608	1.5420	4.0359	1.2528	2.927	1.0061	4.1777	1.00079
2700	0.6282	1.6263	4.0561	1.2494	2.981	1.0073	4.2141	1.00113
2800	0.6944	1.7089	4.0758	1.2466	3.034	1.0087	4.2524	1.00155
2900	0.7595	1.7900	4.0950	1.2421	3.085	1.0104	4.2909	1.00206
3000	0.8247	1.8708	4.1139	1.2397	3.138	1.0124	4.3327	1.00267
3100	0.8879	1.9492	4.1322	1.2396	3.193	1.0146	4.3732	1.00340
3200	0.9503	2.0265	4.1500	1.2383	3.247	1.0172	4.4142	1.00422
3300	1.0117	2.1024	4.1675	1.2384	3.302	1.0201	4.4560	1.00514
3400	1.0718	2.1769	4.1845	1.2406	3.360	1.0234	4.4979	1.00617
3500	1.1301	2.2493	4.2009	1.2431	3.418	1.0270	4.5374	1.00703
3600	1.1873	2.3204	4.2170	1.2434	3.474	1.0310	4.5777	1.00851
3700	1.2439	2.3908	4.2327	1.2439	3.530	1.0355	4.6189	1.00979
3800	1.2996	2.4602	4.2483	1.2471	3.591	1.0404	4.6615	1.01114
3900	1.3538	2.5279	4.2634	1.2536	3.657	1.0458	4.7024	1.01255
4000	1.4058	2.5933	4.2779	1.2609	3.724	1.0516	4.7402	1.01402
4100	1.4561	2.6569	4.2920	1.2660	3.789	1.0578	4.7773	1.01554
4200	1.5056	2.7196	4.3058	1.2705	3.854	1.0646	4.8148	1.01709
4300	1.5539	2.7812	4.3195	1.2758	3.921	1.0720	4.8531	1.01842
4400	1.6013	2.8417	4.3328	1.2806	3.989	1.0799	4.8907	1.02021
4500	1.6479	2.9015	4.3461	1.2877	4.061	1.0884	4.9299	1.02177
4600	1.6928	2.9595	4.3589	1.2997	4.142	1.0975	4.9670	1.02332
4700	1.7355	3.0154	4.3712	1.3128	4.227	1.1071	5.0015	1.02490
4800	1.7766	3.0696	4.3832	1.3237	4.308	1.1172	5.0346	1.02648
4900	1.8165	3.1225	4.3950	1.3237	4.374	1.1279	5.0676	1.02804
5000	1.8583	3.1777	4.4073	1.3329	4.457	1.1398	5.1089	1.02939
5100	1.8962	3.2288	4.4187	1.3581	4.568	1.1519	5.1418	1.03088
5200	1.9317	3.2774	4.4295	1.3786	4.672	1.1644	5.1714	1.03237
5300	1.9653	3.3241	4.4402	1.3953	4.771	1.1773	5.1990	1.03388
5400	1.9978	3.3697	4.4506	1.4129	4.875	1.1909	5.2259	1.03535
5500	2.0290	3.4141	4.4607	1.4274	4.975	1.2054	5.2526	1.03682
5600	2.0600	3.4584	4.4710	1.4322	5.060	1.2208	5.2816	1.03823
5700	2.0911	3.5030	4.4813	1.4344	5.143	1.2372	5.3137	1.03954
5800	2.1223	3.5479	4.4918	1.4330	5.222	1.2546	5.3501	1.04077
5900	2.1545	3.5938	4.5026	1.4271	5.295	1.2733	5.3921	1.04180
6000	2.1876	3.6410	4.5138	1.4237	5.375	1.2932	5.4402	1.04272

S/R= 29.2

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.5230	-3.9594	2.5417	1.4016	0.605	1.0000	3.4805	1.00000
200	-2.7735	-2.9089	2.8434	1.4013	0.856	1.0000	3.4862	1.00000
300	-2.3340	-2.2933	3.0198	1.4000	1.048	1.0000	3.4891	1.00000
400	-2.0204	-1.8545	3.1455	1.3956	1.208	1.0000	3.4952	1.00000

S/R= 29.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
500	-1.7726	-1.5098	3.2440	1.3869	1.347	1.0000	3.5374	1.00000
600	-1.5652	-1.2232	3.3256	1.3764	1.470	1.0000	3.5270	1.00000
700	-1.3843	-0.9754	3.3955	1.3652	1.581	1.0000	3.5516	1.00000
800	-1.2230	-0.7560	3.4572	1.3541	1.683	1.0001	3.5817	1.00000
900	-1.0759	-0.5577	3.5121	1.3443	1.779	1.0001	3.6129	1.00000
1000	-0.9414	-0.3775	3.5619	1.3361	1.869	1.0001	3.6467	1.00000
1100	-0.8165	-0.2111	3.6071	1.3285	1.955	1.0002	3.6791	1.00000
1200	-0.7002	-0.0570	3.6489	1.3226	2.037	1.0002	3.7122	1.00000
1300	-0.5913	0.0867	3.6875	1.3166	2.116	1.0003	3.7455	1.00000
1400	-0.4884	0.2218	3.7234	1.3099	2.190	1.0004	3.7780	1.00000
1500	-0.3906	0.3496	3.7570	1.3043	2.263	1.0006	3.8100	0.99999
1600	-0.2975	0.4708	3.7887	1.2994	2.333	1.0007	3.8425	0.99999
1700	-0.2086	0.5861	3.8187	1.2935	2.399	1.0009	3.8747	0.99999
1800	-0.1231	0.6964	3.8470	1.2876	2.463	1.0011	3.9063	0.99999
1900	-0.0407	0.8022	3.8741	1.2828	2.526	1.0013	3.9385	1.00001
2000	0.0389	0.9042	3.9000	1.2784	2.588	1.0016	3.9712	1.00003
2100	0.1161	1.0027	3.9247	1.2739	2.647	1.0019	4.0038	1.00007
2200	0.1912	1.0983	3.9486	1.2691	2.705	1.0024	4.0378	1.00014
2300	0.2645	1.1911	3.9715	1.2643	2.762	1.0029	4.0712	1.00024
2400	0.3361	1.2814	3.9935	1.2596	2.817	1.0035	4.1057	1.00039
2500	0.4063	1.3697	4.0151	1.2550	2.870	1.0043	4.1420	1.00060
2600	0.4753	1.4561	4.0360	1.2508	2.924	1.0052	4.1787	1.00089
2700	0.5431	1.5408	4.0562	1.2471	2.977	1.0063	4.2158	1.00126
2800	0.6098	1.6238	4.0760	1.2438	3.029	1.0076	4.2548	1.00173
2900	0.6754	1.7053	4.0953	1.2390	3.079	1.0092	4.2941	1.00229
3000	0.7412	1.7866	4.1143	1.2363	3.131	1.0110	4.3367	1.00297
3100	0.8050	1.8656	4.1327	1.2358	3.186	1.0130	4.3782	1.00377
3200	0.8681	1.9435	4.1505	1.2340	3.238	1.0154	4.4201	1.00467
3300	0.9302	2.0201	4.1691	1.2338	3.292	1.0181	4.4627	1.00568
3400	0.9911	2.0952	4.1852	1.2355	3.349	1.0211	4.5057	1.00681
3500	1.0502	2.1683	4.2017	1.2373	3.406	1.0244	4.5462	1.00783
3600	1.1083	2.2402	4.2179	1.2374	3.461	1.0281	4.5875	1.00936
3700	1.1657	2.3113	4.2337	1.2376	3.516	1.0322	4.6295	1.01076
3800	1.2223	2.3813	4.2494	1.2399	3.574	1.0367	4.6728	1.01222
3900	1.2774	2.4497	4.2645	1.2456	3.637	1.0416	4.7144	1.01375
4000	1.3302	2.5157	4.2790	1.2525	3.703	1.0468	4.7528	1.01535
4100	1.3814	2.5800	4.2932	1.2570	3.766	1.0525	4.7905	1.01699
4200	1.4316	2.6432	4.3070	1.2605	3.828	1.0587	4.8282	1.01866
4300	1.4808	2.7053	4.3207	1.2649	3.892	1.0652	4.8665	1.02022
4400	1.5290	2.7664	4.3340	1.2693	3.957	1.0723	4.9040	1.02203
4500	1.5764	2.8267	4.3472	1.2756	4.026	1.0800	4.9432	1.02371
4600	1.6221	2.8852	4.3600	1.2860	4.103	1.0882	4.9800	1.02538
4700	1.6657	2.9415	4.3723	1.2978	4.182	1.0967	5.0139	1.02708
4800	1.7075	2.9960	4.3842	1.3081	4.261	1.1057	5.0462	1.02877
4900	1.7481	3.0492	4.3959	1.3083	4.324	1.1152	5.0783	1.03045
5000	1.7906	3.1047	4.4081	1.3157	4.401	1.1259	5.1186	1.03189
5100	1.8293	3.1561	4.4194	1.3377	4.503	1.1366	5.1505	1.03348
5200	1.8657	3.2051	4.4303	1.3561	4.600	1.1477	5.1791	1.03508
5300	1.9001	3.2521	4.4407	1.3715	4.694	1.1591	5.2055	1.03669
5400	1.9334	3.2980	4.4510	1.3842	4.784	1.1711	5.2310	1.03826
5500	1.9657	3.3429	4.4611	1.3932	4.870	1.1837	5.2569	1.03979
5600	1.9978	3.3877	4.4712	1.4019	4.957	1.1971	5.2847	1.04127
5700	2.0296	3.4325	4.4814	1.4106	5.048	1.2118	5.3149	1.04268
5800	2.0615	3.4775	4.4917	1.4125	5.128	1.2276	5.3490	1.04399
5900	2.0941	3.5236	4.5023	1.4105	5.205	1.2447	5.3884	1.04514



S/R= 29.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6000	2.1276	3.5708	4.5132	1.2894	5.055	1.2632	5.4336	1.04616
6100	2.1517	3.5979	4.5184	1.2904	5.073	1.2504	5.4087	1.04761
6200	2.1789	3.6370	4.5275	1.4388	5.431	1.2644	5.4342	1.04881

S/R= 29.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.6100	-4.0464	2.5417	1.4015	0.605	1.0000	3.4805	1.00000
200	-2.8603	-2.9957	2.8434	1.4012	0.856	1.0000	3.4862	1.00000
300	-2.4209	-2.3801	3.0198	1.3999	1.048	1.0000	3.4891	1.00000
400	-2.1071	-1.9414	3.1455	1.3956	1.208	1.0000	3.4952	1.00000
500	-1.8594	-1.5966	3.2440	1.3872	1.347	1.0000	3.5074	1.00000
600	-1.6521	-1.3101	3.3256	1.3764	1.470	1.0000	3.5270	1.00000
700	-1.4712	-1.0622	3.3955	1.3651	1.581	1.0000	3.5516	1.00000
800	-1.3098	-0.8428	3.4572	1.3540	1.683	1.0001	3.5817	1.00000
900	-1.1627	-0.6445	3.5121	1.3444	1.779	1.0001	3.6129	1.00000
1000	-1.0282	-0.4643	3.5619	1.3359	1.869	1.0001	3.6467	1.00000
1100	-0.9032	-0.2979	3.6071	1.3283	1.955	1.0001	3.6790	1.00000
1200	-0.7870	-0.1438	3.6488	1.3225	2.037	1.0002	3.7122	1.00000
1300	-0.6781	-0.0002	3.6874	1.3166	2.116	1.0003	3.7454	1.00000
1400	-0.5752	0.1349	3.7234	1.3101	2.190	1.0003	3.7780	1.00000
1500	-0.4774	0.2628	3.7570	1.3041	2.262	1.0005	3.8099	0.99999
1600	-0.3843	0.3839	3.7887	1.2993	2.332	1.0006	3.8424	0.99999
1700	-0.2953	0.4993	3.8187	1.2940	2.399	1.0007	3.8745	0.99999
1800	-0.2099	0.6097	3.8470	1.2880	2.463	1.0009	3.9062	1.00000
1900	-0.1274	0.7155	3.8741	1.2822	2.525	1.0011	3.9384	1.00001
2000	-0.0478	0.8175	3.8999	1.2772	2.586	1.0013	3.9711	1.00003
2100	0.0295	0.9160	3.9247	1.2727	2.646	1.0016	4.0037	1.00008
2200	0.1048	1.0116	3.9486	1.2681	2.704	1.0020	4.0378	1.00016
2300	0.1782	1.1046	3.9715	1.2633	2.760	1.0024	4.0715	1.00028
2400	0.2500	1.1951	3.9937	1.2583	2.814	1.0030	4.1064	1.00044
2500	0.3205	1.2835	4.0153	1.2534	2.868	1.0037	4.1430	1.00068
2600	0.3898	1.3703	4.0362	1.2490	2.921	1.0045	4.1803	1.00099
2700	0.4580	1.4554	4.0565	1.2448	2.973	1.0056	4.2179	1.00140
2800	0.5252	1.5388	4.0763	1.2413	3.025	1.0068	4.2577	1.00192
2900	0.5914	1.6209	4.0957	1.2361	3.074	1.0082	4.2980	1.00255
3000	0.6578	1.7027	4.1148	1.2331	3.126	1.0099	4.3415	1.00330
3100	0.7223	1.7823	4.1332	1.2323	3.179	1.0118	4.3841	1.00417
3200	0.7861	1.8609	4.1513	1.2303	3.231	1.0140	4.4271	1.00515
3300	0.8490	1.9382	4.1689	1.2295	3.284	1.0165	4.4709	1.00627
3400	0.9107	2.0141	4.1861	1.2308	3.340	1.0193	4.5150	1.00750
3500	0.9706	2.0879	4.2027	1.2323	3.396	1.0225	4.5567	1.00869
3600	1.0295	2.1605	4.2190	1.2320	3.449	1.0259	4.5991	1.01028
3700	1.0878	2.2323	4.2349	1.2319	3.503	1.0297	4.6421	1.01180
3800	1.1452	2.3031	4.2506	1.2339	3.560	1.0338	4.6863	1.01339
3900	1.2012	2.3721	4.2658	1.2388	3.622	1.0384	4.7288	1.01505
4000	1.2549	2.4389	4.2804	1.2448	3.685	1.0432	4.7680	1.01677
4100	1.3069	2.5038	4.2946	1.2490	3.747	1.0484	4.8062	1.01854
4200	1.3580	2.5677	4.3085	1.2523	3.807	1.0540	4.8444	1.02034
4300	1.4080	2.6303	4.3222	1.2559	3.869	1.0601	4.8830	1.02214
4400	1.4569	2.6919	4.3355	1.2592	3.931	1.0665	4.9206	1.02397
4500	1.5051	2.7526	4.3487	1.2648	3.997	1.0734	4.9597	1.02577
4600	1.5516	2.8116	4.3614	1.2747	4.071	1.0807	4.9963	1.02756
4700	1.5959	2.8684	4.3737	1.2853	4.147	1.0885	5.0301	1.02937
4800	1.6384	2.9233	4.3856	1.2943	4.221	1.0965	5.0619	1.03118

S/R= 29.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4900	1.6797	2.9769	4.3972	1.2936	4.280	1.1050	5.0934	1.03297
5000	1.7230	3.0326	4.4093	1.3007	4.354	1.1145	5.1326	1.03452
5100	1.7623	3.0843	4.4205	1.3219	4.452	1.1242	5.1638	1.03620
5200	1.7994	3.1336	4.4313	1.3379	4.542	1.1341	5.1916	1.03791
5300	1.8346	3.1810	4.4417	1.3511	4.629	1.1443	5.2169	1.03962
5400	1.8686	3.2272	4.4518	1.3627	4.714	1.1549	5.2412	1.04130
5500	1.9016	3.2723	4.4618	1.3708	4.795	1.1661	5.2657	1.04292
5600	1.9343	3.3173	4.4718	1.3739	4.868	1.1780	5.2919	1.04450
5700	1.9672	3.3625	4.4819	1.3763	4.942	1.1907	5.3211	1.04596
5800	2.0003	3.4080	4.4921	1.3832	5.026	1.2043	5.3542	1.04731
5900	2.0335	3.4542	4.5026	1.3887	5.112	1.2197	5.3914	1.04856
6000	2.0676	3.5016	4.5133	1.3993	5.040	1.2365	5.4342	1.04966
6100	2.0911	3.5296	4.5188	1.3143	5.075	1.2284	5.4137	1.05128
6200	2.1189	3.5689	4.5278	1.4211	5.348	1.2412	5.4379	1.05256
6300	2.1460	3.6076	4.5367	1.4303	5.437	1.2544	5.4618	1.05381
6400	2.1726	3.6457	4.5454	1.4402	5.528	1.2681	5.4857	1.05501
6500	2.1984	3.6830	4.5541	1.4461	5.613	1.2820	5.5099	1.05618

S/R= 29.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.6968	-4.1332	2.5416	1.4015	0.605	1.0000	3.4805	1.00000
200	-2.9471	-3.0824	2.8434	1.4013	0.856	1.0000	3.4862	1.00000
300	-2.5078	-2.4671	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-2.1939	-2.0282	3.1455	1.3954	1.208	1.0000	3.4952	1.00000
500	-1.9462	-1.5834	3.2440	1.3874	1.347	1.0000	3.5074	1.00000
600	-1.7388	-1.3968	3.3256	1.3764	1.470	1.0000	3.5270	1.00000
700	-1.5579	-1.1490	3.3955	1.3651	1.581	1.0000	3.5516	1.00000
800	-1.3965	-0.9296	3.4572	1.3542	1.683	1.0001	3.5817	1.00000
900	-1.2495	-0.7314	3.5121	1.3446	1.779	1.0001	3.6129	1.00000
1000	-1.1152	-0.5513	3.5619	1.3357	1.869	1.0001	3.6467	1.00000
1100	-0.9900	-0.3847	3.6071	1.3282	1.955	1.0001	3.6791	1.00000
1200	-0.8739	-0.2308	3.6488	1.3223	2.037	1.0002	3.7121	1.00000
1300	-0.7648	-0.0870	3.6874	1.3164	2.116	1.0002	3.7453	1.00000
1400	-0.6622	0.0479	3.7234	1.3103	2.191	1.0003	3.7779	1.00000
1500	-0.5642	0.1759	3.7570	1.3040	2.262	1.0004	3.8099	1.00000
1600	-0.4711	0.2970	3.7887	1.2991	2.332	1.0005	3.8423	0.99999
1700	-0.3821	0.4124	3.8187	1.2939	2.399	1.0006	3.8745	1.00000
1800	-0.2966	0.5228	3.8470	1.2884	2.463	1.0007	3.9060	1.00000
1900	-0.2142	0.6288	3.8741	1.2825	2.525	1.0009	3.9384	1.00002
2000	-0.1344	0.7308	3.8999	1.2766	2.585	1.0011	3.9710	1.00004
2100	-0.0571	0.8294	3.9247	1.2714	2.644	1.0014	4.0038	1.00010
2200	0.0183	0.9250	3.9486	1.2667	2.702	1.0017	4.0381	1.00018
2300	0.0919	1.0181	3.9715	1.2622	2.758	1.0021	4.0720	1.00031
2400	0.1639	1.1089	3.9938	1.2572	2.813	1.0026	4.1073	1.00049
2500	0.2347	1.1977	4.0154	1.2520	2.866	1.0032	4.1443	1.00075
2600	0.3044	1.2847	4.0364	1.2472	2.918	1.0040	4.1821	1.00111
2700	0.3730	1.3701	4.0567	1.2427	2.969	1.0050	4.2206	1.00156
2800	0.4407	1.4541	4.0767	1.2388	3.021	1.0061	4.2612	1.00213
2900	0.5075	1.5367	4.0961	1.2335	3.070	1.0075	4.3025	1.00282
3000	0.5745	1.6191	4.1153	1.2302	3.121	1.0091	4.3472	1.00365
3100	0.6398	1.6994	4.1339	1.2290	3.174	1.0109	4.3910	1.00460
3200	0.7043	1.7787	4.1521	1.2268	3.225	1.0130	4.4352	1.00569
3300	0.7680	1.8567	4.1698	1.2257	3.277	1.0154	4.4804	1.00691
3400	0.8305	1.9334	4.1872	1.2265	3.332	1.0181	4.5258	1.00825

S/R= 29.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3500	0.8914	2.0081	4.2039	1.2277	3.387	1.0210	4.5588	1.04956
3600	0.9512	2.0815	4.2202	1.2273	3.440	1.0243	4.6125	1.01128
3700	1.0103	2.1541	4.2363	1.2269	3.493	1.0279	4.6567	1.01292
3800	1.0686	2.2255	4.2521	1.2284	3.549	1.0318	4.7020	1.01464
3900	1.1254	2.2954	4.2673	1.2330	3.609	1.0360	4.7454	1.01643
4000	1.1799	2.3628	4.2820	1.2385	3.671	1.0405	4.7855	1.01829
4100	1.2328	2.4285	4.2962	1.2419	3.731	1.0453	4.8246	1.02020
4200	1.2847	2.4930	4.3102	1.2448	3.790	1.0505	4.8634	1.02213
4300	1.3354	2.5562	4.3239	1.2484	3.850	1.0561	4.9024	1.02180
4400	1.3851	2.6183	4.3372	1.2511	3.910	1.0620	4.9402	1.02601
4500	1.4340	2.6795	4.3504	1.2555	3.973	1.0683	4.9793	1.02794
4600	1.4812	2.7389	4.3631	1.2645	4.043	1.0749	5.0159	1.02986
4700	1.5262	2.7961	4.3753	1.2746	4.117	1.0819	5.0495	1.03179
4800	1.5695	2.8514	4.3872	1.2829	4.188	1.0893	5.0812	1.03372
4900	1.6114	2.9054	4.3988	1.2813	4.244	1.0970	5.1123	1.03562
5000	1.6553	2.9615	4.4108	1.2872	4.313	1.1055	5.1508	1.03727
5100	1.6954	3.0135	4.4220	1.3071	4.407	1.1141	5.1811	1.03904
5200	1.7331	3.0630	4.4327	1.3226	4.494	1.1230	5.2081	1.04087
5300	1.7689	3.1107	4.4430	1.3352	4.577	1.1322	5.2327	1.04268
5400	1.8035	3.1570	4.4531	1.3450	4.657	1.1418	5.2561	1.04445
5500	1.8370	3.2023	4.4629	1.3515	4.732	1.1517	5.2793	1.04618
5600	1.8704	3.2475	4.4728	1.3537	4.800	1.1622	5.3041	1.04785
5700	1.9039	3.2929	4.4827	1.3549	4.868	1.1735	5.3318	1.04941
5800	1.9377	3.3387	4.4929	1.3548	4.936	1.1856	5.3632	1.05084
5900	1.9722	3.3854	4.5032	1.3547	5.006	1.1988	5.3995	1.05213
6000	2.0074	3.4331	4.5138	1.3216	5.016	1.2133	5.4408	1.05327
6100	2.0300	3.4618	4.5196	1.3393	5.083	1.2095	5.4234	1.05506
6200	2.0584	3.5014	4.5285	1.4002	5.265	1.2212	5.4463	1.05643
6300	2.0861	3.5403	4.5373	1.4087	5.350	1.2333	5.4691	1.05775
6400	2.1132	3.5786	4.5459	1.4179	5.437	1.2457	5.4917	1.05903
6500	2.1396	3.6161	4.5544	1.4287	5.528	1.2585	5.5146	1.06026
6600	2.1652	3.6529	4.5628	1.4387	5.619	1.2715	5.5373	1.06149
6700	2.1902	3.6889	4.5712	1.4432	5.700	1.2849	5.5601	1.06265

S/R= 29.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.7835	-4.2199	2.5417	1.4016	0.605	1.0000	3.4806	1.00000
200	-3.0339	-3.1693	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-2.5948	-2.5541	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-2.2809	-2.1152	3.1455	1.3954	1.208	1.0000	3.4952	1.00000
500	-2.0330	-1.7702	3.2440	1.3874	1.347	1.0000	3.5074	1.00000
600	-1.8256	-1.4837	3.3256	1.3762	1.469	1.0000	3.5270	1.00000
700	-1.6447	-1.2357	3.3955	1.3652	1.581	1.0000	3.5516	1.00000
800	-1.4835	-1.0165	3.4572	1.3544	1.683	1.0001	3.5817	1.00000
900	-1.3365	-0.8184	3.5121	1.3446	1.779	1.0001	3.6129	1.00000
1000	-1.2022	-0.6383	3.5619	1.3357	1.869	1.0001	3.6467	1.00000
1100	-1.0769	-0.4717	3.6071	1.3282	1.955	1.0001	3.6791	1.00000
1200	-0.9609	-0.3178	3.6488	1.3222	2.037	1.0001	3.7122	1.00000
1300	-0.8517	-0.1739	3.6874	1.3161	2.115	1.0002	3.7452	1.00000
1400	-0.7491	-0.0391	3.7234	1.3102	2.190	1.0002	3.7778	1.00000
1500	-0.6510	0.0891	3.7570	1.3041	2.262	1.0003	3.8098	1.00000
1600	-0.5580	0.2102	3.7887	1.2989	2.332	1.0004	3.8423	1.00000
1700	-0.4689	0.3256	3.8187	1.2936	2.399	1.0005	3.8744	1.00000
1800	-0.3834	0.4360	3.8470	1.2882	2.463	1.0006	3.9060	1.00001

S/R= 29.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1900	-0.3009	0.5420	3.8741	1.2828	2.526	1.0007	3.9383	1.00002
2000	-0.2211	0.6442	3.8999	1.2769	2.585	1.0009	3.9711	1.00005
2100	-0.1436	0.7429	3.9247	1.2709	2.643	1.0011	4.0039	1.00011
2200	-0.0682	0.8385	3.9485	1.2653	2.700	1.0014	4.0384	1.00021
2300	0.0056	0.9317	3.9716	1.2605	2.756	1.0018	4.0727	1.00035
2400	0.0779	1.0227	3.9939	1.2558	2.811	1.0023	4.1083	1.00056
2500	0.1490	1.1117	4.0156	1.2506	2.863	1.0029	4.1459	1.00084
2600	0.2190	1.1991	4.0366	1.2455	2.915	1.0036	4.1844	1.00124
2700	0.2881	1.2850	4.0571	1.2407	2.966	1.0045	4.2237	1.00173
2800	0.3563	1.3695	4.0771	1.2365	3.017	1.0056	4.2654	1.00236
2900	0.4237	1.4527	4.0967	1.2309	3.066	1.0070	4.3078	1.00313
3000	0.4915	1.5359	4.1160	1.2273	3.116	1.0085	4.3538	1.00403
3100	0.5575	1.6169	4.1347	1.2260	3.169	1.0103	4.3989	1.00508
3200	0.6228	1.6969	4.1530	1.2234	3.219	1.0124	4.4445	1.00627
3300	0.6873	1.7758	4.1709	1.2221	3.271	1.0147	4.4911	1.00759
3400	0.7508	1.8533	4.1883	1.2227	3.325	1.0172	4.5380	1.00905
3500	0.8125	1.9288	4.2052	1.2235	3.380	1.0201	4.5825	1.01568
3600	0.8732	2.0031	4.2217	1.2228	3.432	1.0232	4.6277	1.01234
3700	0.9333	2.0765	4.2378	1.2225	3.485	1.0266	4.6732	1.01412
3800	0.9924	2.1487	4.2537	1.2237	3.540	1.0304	4.7196	1.01599
3900	1.0500	2.2193	4.2690	1.2275	3.598	1.0343	4.7641	1.01791
4000	1.1054	2.2875	4.2838	1.2328	3.660	1.0386	4.8054	1.01991
4100	1.1592	2.3539	4.2981	1.2361	3.718	1.0432	4.8454	1.02196
4200	1.2119	2.4191	4.3121	1.2384	3.776	1.0480	4.8849	1.02404
4300	1.2633	2.4829	4.3258	1.2413	3.834	1.0532	4.9244	1.02321
4400	1.3137	2.5455	4.3392	1.2439	3.893	1.0587	4.9626	1.02818
4500	1.3633	2.6072	4.3524	1.2482	3.954	1.0645	5.0019	1.03024
4600	1.4111	2.6671	4.3651	1.2561	4.022	1.0706	5.0386	1.03229
4700	1.4568	2.7247	4.3773	1.2649	4.092	1.0770	5.0721	1.03434
4800	1.5008	2.7805	4.3891	1.2727	4.161	1.0836	5.1036	1.03639
4900	1.5434	2.8349	4.4007	1.2709	4.214	1.0907	5.1345	1.03841
5000	1.5879	2.8912	4.4127	1.2762	4.281	1.0984	5.1725	1.04015
5100	1.6285	2.9435	4.4238	1.2946	4.370	1.1062	5.2023	1.04204
5200	1.6668	2.9933	4.4344	1.3088	4.453	1.1142	5.2286	1.04396
5300	1.7032	3.0412	4.4446	1.3205	4.532	1.1225	5.2524	1.04587
5400	1.7384	3.0878	4.4546	1.3299	4.609	1.1311	5.2750	1.04775
5500	1.7724	3.1333	4.4644	1.3361	4.681	1.1401	5.2972	1.04957
5600	1.8062	3.1785	4.4742	1.3368	4.744	1.1496	5.3208	1.05134
5700	1.8403	3.2241	4.4840	1.3366	4.806	1.1596	5.3471	1.05298
5800	1.8747	3.2700	4.4940	1.3353	4.868	1.1703	5.3771	1.05449
5900	1.9098	3.3169	4.5042	1.3327	4.930	1.1820	5.4117	1.05586
6000	1.9458	3.3649	4.5147	1.3228	4.980	1.1947	5.4516	1.05705
6100	1.9686	3.3946	4.5207	1.3470	5.064	1.1936	5.4374	1.05896
6200	1.9975	3.4344	4.5295	1.3812	5.193	1.2042	5.4592	1.06040
6300	2.0257	3.4736	4.5382	1.3890	5.273	1.2152	5.4808	1.06181
6400	2.0534	3.5121	4.5467	1.3976	5.356	1.2266	5.5023	1.06315
6500	2.0803	3.5498	4.5552	1.4076	5.443	1.2382	5.5240	1.06446
6600	2.1064	3.5868	4.5635	1.4168	5.529	1.2501	5.5455	1.06575
6700	2.1320	3.6231	4.5717	1.4246	5.613	1.2624	5.5671	1.06699
6800	2.1571	3.6589	4.5798	1.4340	5.702	1.2750	5.5889	1.06818
6900	2.1815	3.6940	4.5879	1.4399	5.784	1.2879	5.6108	1.06935

S/R= 30.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.8703	-4.3067	2.5417	1.4317	0.605	1.0000	3.4806	1.00000
200	-3.1209	-3.2562	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-2.6816	-2.6408	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-2.3678	-2.2022	3.1455	1.3955	1.208	1.0000	3.4952	1.00000
500	-2.1200	-1.8572	3.2440	1.3874	1.347	1.0000	3.5074	1.00000
600	-1.9126	-1.5706	3.3256	1.3760	1.469	1.0000	3.5270	1.00000
700	-1.7314	-1.3225	3.3955	1.3652	1.581	1.0000	3.5516	1.00000
800	-1.5704	-1.1035	3.4572	1.3545	1.683	1.0000	3.5817	1.00000
900	-1.4234	-0.9053	3.5121	1.3443	1.779	1.0001	3.6129	1.00000
1000	-1.2889	-0.7250	3.5619	1.3358	1.869	1.0001	3.6467	1.00000
1100	-1.1639	-0.5586	3.6071	1.3283	1.955	1.0001	3.6791	1.00000
1200	-1.0477	-0.4046	3.6488	1.3222	2.037	1.0001	3.7122	1.00000
1300	-0.9387	-0.2609	3.6874	1.3160	2.115	1.0001	3.7452	1.00000
1400	-0.8360	-0.1261	3.7234	1.3098	2.190	1.0002	3.7777	1.00000
1500	-0.7379	0.0022	3.7570	1.3040	2.262	1.0003	3.8098	1.00000
1600	-0.6448	0.1233	3.7887	1.2988	2.332	1.0003	3.8422	1.00000
1700	-0.5557	0.2387	3.8187	1.2934	2.398	1.0004	3.8744	1.00000
1800	-0.4702	0.3492	3.8470	1.2880	2.463	1.0005	3.9059	1.00001
1900	-0.3877	0.4552	3.8741	1.2826	2.525	1.0006	3.9383	1.00003
2000	-0.3078	0.5574	3.8999	1.2771	2.585	1.0008	3.9711	1.00006
2100	-0.2302	0.6563	3.9247	1.2711	2.643	1.0010	4.0041	1.00012
2200	-0.1546	0.7521	3.9487	1.2648	2.699	1.0012	4.0388	1.00023
2300	-0.0807	0.8454	3.9717	1.2589	2.754	1.0016	4.0735	1.00039
2400	-0.0081	0.9366	3.9940	1.2538	2.808	1.0020	4.1095	1.00063
2500	0.0633	1.0259	4.0158	1.2489	2.861	1.0026	4.1478	1.00094
2600	0.1337	1.1137	4.0369	1.2439	2.913	1.0033	4.1870	1.00138
2700	0.2033	1.2000	4.0574	1.2388	2.964	1.0042	4.2273	1.00192
2800	0.2721	1.2851	4.0776	1.2342	3.014	1.0053	4.2701	1.00261
2900	0.3402	1.3691	4.0973	1.2284	3.062	1.0066	4.3139	1.00346
3000	0.4087	1.4529	4.1167	1.2246	3.112	1.0082	4.3512	1.00444
3100	0.4755	1.5347	4.1355	1.2231	3.164	1.0099	4.4079	1.00559
3200	0.5417	1.6156	4.1540	1.2204	3.215	1.0120	4.4551	1.00689
3300	0.6071	1.6953	4.1720	1.2188	3.266	1.0142	4.5032	1.00834
3400	0.6714	1.7737	4.1897	1.2191	3.320	1.0168	4.5517	1.00993
3500	0.7341	1.8502	4.2066	1.2197	3.374	1.0195	4.5979	1.00677
3600	0.7958	1.9254	4.2233	1.2189	3.425	1.0226	4.6447	1.01349
3700	0.8567	1.9996	4.2395	1.2182	3.477	1.0259	4.6916	1.01542
3800	0.9167	2.0727	4.2555	1.2195	3.532	1.0295	4.7393	1.01742
3900	0.9752	2.1441	4.2710	1.2230	3.590	1.0333	4.7851	1.01950
4000	1.0315	2.2131	4.2858	1.2276	3.650	1.0374	4.8274	1.02164
4100	1.0861	2.2802	4.3002	1.2307	3.708	1.0418	4.8585	1.02384
4200	1.1395	2.3460	4.3142	1.2331	3.764	1.0464	4.9088	1.02605
4300	1.1917	2.4105	4.3280	1.2356	3.822	1.0512	4.9490	1.03030
4400	1.2428	2.4736	4.3413	1.2375	3.878	1.0563	4.9876	1.03048
4500	1.2930	2.5359	4.3545	1.2414	3.938	1.0617	5.0272	1.03267
4600	1.3415	2.5962	4.3673	1.2492	4.005	1.0674	5.0541	1.03484
4700	1.3878	2.6542	4.3795	1.2574	4.073	1.0734	5.0977	1.03701
4800	1.4323	2.7104	4.3913	1.2639	4.138	1.0795	5.1291	1.03919
4900	1.4756	2.7651	4.4028	1.2614	4.189	1.0859	5.1598	1.04132
5000	1.5206	2.8218	4.4148	1.2664	4.254	1.0929	5.1974	1.04315
5100	1.5618	2.8744	4.4258	1.2845	4.341	1.1000	5.2268	1.04525
5200	1.6006	2.9245	4.4364	1.2976	4.420	1.1074	5.2525	1.04719
5300	1.6375	2.9727	4.4465	1.3078	4.495	1.1149	5.2759	1.04920
5400	1.6733	3.0195	4.4565	1.3163	4.568	1.1227	5.2976	1.05117
5500	1.7078	3.0652	4.4662	1.3217	4.636	1.1308	5.3190	1.05309

S/R= 30.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5600	1.7421	3.1105	4.4759	1.3224	4.697	1.1393	5.3416	1.05494
5700	1.7766	3.1561	4.4856	1.3218	4.756	1.1483	5.3667	1.05667
5800	1.8114	3.2021	4.4955	1.3191	4.813	1.1579	5.3954	1.05827
5900	1.8471	3.2491	4.5055	1.3150	4.868	1.1683	5.4285	1.05970
6000	1.8837	3.2972	4.5159	1.3207	4.944	1.1796	5.4668	1.06096
6100	1.9069	3.3280	4.5222	1.3479	5.037	1.1802	5.4554	1.06297
6200	1.9363	3.3680	4.5309	1.3541	5.130	1.1899	5.4761	1.06449
6300	1.9650	3.4074	4.5394	1.3712	5.206	1.1999	5.4967	1.06596
6400	1.9932	3.4461	4.5479	1.3790	5.285	1.2102	5.5171	1.06738
6500	2.0206	3.4841	4.5562	1.3884	5.368	1.2208	5.5377	1.06875
6600	2.0473	3.5212	4.5645	1.3970	5.450	1.2317	5.5581	1.07012
6700	2.0734	3.5577	4.5726	1.4040	5.529	1.2429	5.5785	1.07142
6800	2.0990	3.5938	4.5806	1.4127	5.614	1.2545	5.5993	1.07268
6900	2.1239	3.6291	4.5886	1.4212	5.699	1.2663	5.6200	1.07391
7000	2.1484	3.6640	4.5965	1.4303	5.785	1.2785	5.6410	1.07510
7100	2.1721	3.6981	4.6042	1.4392	5.873	1.2909	5.6621	1.07629
7200	2.1956	3.7319	4.6120	1.4420	5.949	1.3036	5.6836	1.07743

S/R= 30.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.9570	-4.3934	2.5417	1.4018	0.605	1.0000	3.4806	1.00000
200	-3.2078	-3.3432	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-2.7683	-2.7276	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-2.4547	-2.2890	3.1455	1.3956	1.208	1.0000	3.4952	1.00000
500	-2.2069	-1.9441	3.2440	1.3875	1.347	1.0000	3.5074	1.00000
600	-1.9996	-1.6576	3.3255	1.3760	1.469	1.0000	3.5270	1.00000
700	-1.8183	-1.4093	3.3955	1.3651	1.581	1.0000	3.5516	1.00000
800	-1.6573	-1.1903	3.4572	1.3544	1.683	1.0000	3.5817	1.00000
900	-1.5102	-0.9921	3.5121	1.3441	1.779	1.0000	3.6129	1.00000
1000	-1.3757	-0.8118	3.5619	1.3362	1.869	1.0001	3.6467	1.00000
1100	-1.2509	-0.6456	3.6071	1.3283	1.955	1.0001	3.6791	1.00000
1200	-1.1345	-0.4914	3.6488	1.3221	2.037	1.0001	3.7122	1.00000
1300	-1.0256	-0.3478	3.6874	1.3162	2.115	1.0001	3.7452	1.00000
1400	-0.9228	-0.2128	3.7234	1.3096	2.190	1.0001	3.7777	1.00000
1500	-0.8247	-0.0847	3.7570	1.3038	2.262	1.0002	3.8097	1.00000
1600	-0.7316	0.0365	3.7887	1.2987	2.331	1.0003	3.8422	1.00000
1700	-0.6426	0.1519	3.8185	1.2933	2.398	1.0003	3.8743	1.00000
1800	-0.5570	0.2623	3.8470	1.2877	2.462	1.0004	3.9059	1.00001
1900	-0.4744	0.3684	3.8741	1.2822	2.525	1.0005	3.9383	1.00003
2000	-0.3945	0.4707	3.9000	1.2768	2.585	1.0007	3.9713	1.00007
2100	-0.3168	0.5696	3.9248	1.2711	2.643	1.0008	4.0044	1.00014
2200	-0.2411	0.6657	3.9487	1.2649	2.699	1.0011	4.0394	1.00026
2300	-0.1669	0.7592	3.9719	1.2583	2.753	1.0014	4.0744	1.00044
2400	-0.0941	0.8506	3.9942	1.2521	2.806	1.0019	4.1111	1.00069
2500	-0.0223	0.9403	4.0160	1.2467	2.858	1.0024	4.1499	1.00105
2600	0.0485	1.0284	4.0372	1.2418	2.910	1.0031	4.1900	1.00153
2700	0.1186	1.1153	4.0578	1.2367	2.961	1.0040	4.2313	1.00213
2800	0.1881	1.2011	4.0781	1.2319	3.011	1.0051	4.2755	1.00289
2900	0.2569	1.2857	4.0980	1.2259	3.059	1.0064	4.3207	1.00381
3000	0.3262	1.3704	4.1175	1.2220	3.109	1.0080	4.3696	1.00490
3100	0.3929	1.4530	4.1365	1.2202	3.160	1.0098	4.4179	1.00615
3200	0.4610	1.5348	4.1551	1.2174	3.210	1.0118	4.4668	1.00758
3300	0.5273	1.6154	4.1733	1.2157	3.262	1.0140	4.5166	1.00915
3400	0.5926	1.6948	4.1911	1.2157	3.315	1.0166	4.5669	1.01087

S/R= 30.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3500	0.6562	1.7722	4.2082	1.2161	3.368	1.0193	4.6149	1.00928
3600	0.7189	1.8484	4.2250	1.2153	3.420	1.0224	4.6534	1.01473
3700	0.7808	1.9235	4.2414	1.2147	3.472	1.0256	4.7118	1.01680
3800	0.8416	1.9974	4.2575	1.2155	3.526	1.0291	4.7510	1.01896
3900	0.9010	2.0697	4.2730	1.2188	3.583	1.0328	4.8080	1.02119
4000	0.9582	2.1395	4.2880	1.2233	3.642	1.0368	4.8517	1.02348
4100	1.0136	2.2074	4.3024	1.2260	3.699	1.0410	4.8939	1.02583
4200	1.0678	2.2739	4.3165	1.2281	3.755	1.0454	4.9351	1.02819
4300	1.1207	2.3389	4.3303	1.2306	3.812	1.0500	4.9759	1.05224
4400	1.1724	2.4027	4.3437	1.2324	3.868	1.0549	5.0152	1.03290
4500	1.2233	2.4654	4.3569	1.2356	3.926	1.0600	5.0551	1.03522
4600	1.2724	2.5262	4.3697	1.2427	3.991	1.0653	5.0922	1.03753
4700	1.3193	2.5847	4.3819	1.2508	4.057	1.0708	5.1259	1.03983
4800	1.3643	2.6412	4.3937	1.2571	4.122	1.0766	5.1574	1.04212
4900	1.4081	2.6963	4.4052	1.2537	4.170	1.0826	5.1881	1.04437
5000	1.4537	2.7533	4.4171	1.2576	4.231	1.0889	5.2253	1.04629
5100	1.4954	2.8062	4.4281	1.2749	4.316	1.0954	5.2543	1.04865
5200	1.5348	2.8566	4.4386	1.2880	4.393	1.1021	5.2797	1.05054
5300	1.5721	2.9050	4.4488	1.2980	4.467	1.1091	5.3026	1.05265
5400	1.6083	2.9520	4.4586	1.3052	4.536	1.1162	5.3237	1.05472
5500	1.6433	2.9979	4.4683	1.3092	4.600	1.1235	5.3443	1.05673
5600	1.6781	3.0434	4.4778	1.3091	4.657	1.1312	5.3661	1.05867
5700	1.7131	3.0892	4.4875	1.3079	4.713	1.1393	5.3902	1.06048
5800	1.7483	3.1352	4.4973	1.3053	4.767	1.1479	5.4178	1.06215
5900	1.7843	3.1822	4.5072	1.3008	4.819	1.1572	5.4497	1.06366
6000	1.8214	3.2304	4.5174	1.3170	4.911	1.1673	5.4864	1.06498
6100	1.8450	3.2620	4.5239	1.3458	5.010	1.1692	5.4770	1.06709
6200	1.8749	3.3023	4.5325	1.3486	5.075	1.1780	5.4968	1.06867
6300	1.9041	3.3418	4.5410	1.3550	5.148	1.1871	5.5164	1.07022
6400	1.9328	3.3807	4.5494	1.3622	5.223	1.1965	5.5358	1.07170
6500	1.9607	3.4188	4.5576	1.3709	5.301	1.2062	5.5554	1.07315
6600	1.9878	3.4562	4.5658	1.3789	5.380	1.2161	5.5748	1.07458
6700	2.0144	3.4929	4.5738	1.3851	5.455	1.2263	5.5942	1.07595
6800	2.0405	3.5292	4.5818	1.3933	5.536	1.2369	5.6138	1.07727
6900	2.0659	3.5647	4.5896	1.4012	5.617	1.2477	5.6335	1.07857
7000	2.0909	3.5998	4.5974	1.4094	5.699	1.2589	5.6535	1.07982
7100	2.1152	3.6341	4.6051	1.4177	5.782	1.2703	5.6735	1.08107
7200	2.1391	3.6681	4.6128	1.4247	5.864	1.2820	5.6940	1.08226
7300	2.1626	3.7017	4.6203	1.4322	5.948	1.2941	5.7147	1.08346
7400	2.1857	3.7348	4.6278	1.4353	6.024	1.3064	5.7357	1.08459

S/R= 30.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.0439	-4.4803	2.5417	1.4017	0.605	1.0000	3.4805	1.00000
200	-3.2946	-3.4299	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-2.8552	-2.8145	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-2.5414	-2.3758	3.1455	1.3954	1.208	1.0000	3.4952	1.00000
500	-2.2937	-2.0310	3.2440	1.3875	1.347	1.0000	3.5074	1.00000
600	-2.0864	-1.7444	3.3256	1.3764	1.470	1.0000	3.5270	1.00000
700	-1.9052	-1.4963	3.3955	1.3651	1.581	1.0000	3.5515	1.00000
800	-1.7440	-1.2771	3.4572	1.3542	1.683	1.0000	3.5817	1.00000
900	-1.5970	-1.0788	3.5121	1.3443	1.779	1.0000	3.6129	1.00000
1000	-1.4626	-0.8987	3.5619	1.3364	1.869	1.0001	3.6467	1.00000
1100	-1.3378	-0.7326	3.6071	1.3282	1.955	1.0001	3.6790	1.00000

S/R= 30.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1200	-1.2213	-0.5782	3.6489	1.3217	2.037	1.0001	3.7122	1.00000
1300	-1.1124	-0.4345	3.6874	1.3163	2.115	1.0001	3.7451	1.00000
1400	-1.0095	-0.2995	3.7234	1.3096	2.190	1.0001	3.7777	1.00000
1500	-0.9115	-0.1715	3.7570	1.3036	2.262	1.0002	3.8097	1.00000
1600	-0.8184	-0.0504	3.7887	1.2987	2.331	1.0002	3.8422	1.00000
1700	-0.7294	0.0650	3.8185	1.2932	2.398	1.0003	3.8743	1.00000
1800	-0.6438	0.1755	3.8470	1.2876	2.462	1.0003	3.9059	1.00001
1900	-0.5612	0.2816	3.8741	1.2820	2.524	1.0004	3.9384	1.00004
2000	-0.4812	0.3840	3.9000	1.2763	2.584	1.0006	3.9715	1.00008
2100	-0.4034	0.4830	3.9248	1.2706	2.642	1.0007	4.0048	1.00016
2200	-0.3275	0.5792	3.9488	1.2646	2.699	1.0010	4.0401	1.00029
2300	-0.2531	0.6730	3.9719	1.2582	2.753	1.0013	4.0755	1.00049
2400	-0.1800	0.7648	3.9943	1.2513	2.805	1.0017	4.1128	1.00077
2500	-0.1078	0.8548	4.0162	1.2448	2.856	1.0023	4.1524	1.00116
2600	-0.0365	0.9434	4.0376	1.2393	2.907	1.0030	4.1935	1.00169
2700	0.0342	1.0308	4.0583	1.2342	2.958	1.0039	4.2360	1.00236
2800	0.1043	1.1172	4.0788	1.2295	3.008	1.0050	4.2815	1.00319
2900	0.1740	1.2027	4.0987	1.2234	3.056	1.0064	4.3283	1.00421
3000	0.2441	1.2882	4.1185	1.2194	3.105	1.0079	4.3790	1.00539
3100	0.3127	1.3718	4.1377	1.2175	3.157	1.0097	4.4290	1.00676
3200	0.3807	1.4545	4.1564	1.2145	3.207	1.0118	4.4798	1.00831
3300	0.4479	1.5361	4.1748	1.2127	3.258	1.0141	4.5314	1.01002
3400	0.5142	1.6165	4.1927	1.2125	3.311	1.0166	4.5837	1.01189
3500	0.5789	1.6950	4.2100	1.2127	3.364	1.0194	4.6336	1.01391
3600	0.6426	1.7721	4.2269	1.2119	3.415	1.0225	4.6839	1.01605
3700	0.7054	1.8482	4.2434	1.2113	3.467	1.0257	4.7340	1.01828
3800	0.7672	1.9230	4.2596	1.2121	3.521	1.0292	4.7846	1.02060
3900	0.8274	1.9961	4.2753	1.2150	3.577	1.0328	4.8331	1.02298
4000	0.8855	2.0668	4.2903	1.2192	3.636	1.0367	4.8781	1.02544
4100	0.9417	2.1354	4.3049	1.2221	3.693	1.0408	4.9215	1.02794
4200	0.9967	2.2027	4.3191	1.2240	3.748	1.0451	4.9636	1.03045
4300	1.0503	2.2683	4.3329	1.2261	3.804	1.0495	5.0052	1.07350
4400	1.1027	2.3326	4.3463	1.2278	3.859	1.0542	5.0451	1.03545
4500	1.1541	2.3958	4.3595	1.2310	3.917	1.0590	5.0854	1.03791
4600	1.2038	2.4571	4.3723	1.2375	3.980	1.0641	5.1228	1.04034
4700	1.2512	2.5160	4.3845	1.2448	4.045	1.0693	5.1567	1.04277
4800	1.2968	2.5729	4.3963	1.2507	4.107	1.0746	5.1883	1.04518
4900	1.3411	2.6284	4.4078	1.2474	4.155	1.0802	5.2189	1.04755
5000	1.3872	2.6856	4.4196	1.2508	4.215	1.0861	5.2560	1.04956
5100	1.4294	2.7388	4.4306	1.2669	4.296	1.0922	5.2849	1.05216
5200	1.4692	2.7895	4.4411	1.2791	4.371	1.0983	5.3098	1.05402
5300	1.5070	2.8381	4.4512	1.2887	4.442	1.1047	5.3322	1.05623
5400	1.5436	2.8854	4.4610	1.2961	4.510	1.1113	5.3528	1.05839
5500	1.5790	2.9314	4.4705	1.2996	4.571	1.1180	5.3728	1.06050
5600	1.6141	2.9771	4.4801	1.2980	4.624	1.1251	5.3939	1.06252
5700	1.6496	3.0230	4.4897	1.2955	4.676	1.1324	5.4173	1.06441
5800	1.6853	3.0693	4.4993	1.2921	4.727	1.1401	5.4440	1.06615
5900	1.7218	3.1164	4.5092	1.2875	4.776	1.1484	5.4748	1.06772
6000	1.7593	3.1645	4.5193	1.3134	4.884	1.1575	5.5102	1.06910
6100	1.7830	3.1967	4.5258	1.3436	4.987	1.1602	5.5019	1.07131
6200	1.8123	3.2371	4.5344	1.3350	5.029	1.1683	5.5209	1.07295
6300	1.8430	3.2768	4.5428	1.3405	5.097	1.1766	5.5395	1.07457
6400	1.8721	3.3159	4.5511	1.3471	5.169	1.1851	5.5580	1.07612
6500	1.9004	3.3542	4.5593	1.3550	5.244	1.1939	5.5767	1.07763
6600	1.9280	3.3917	4.5674	1.3624	5.318	1.2030	5.5952	1.07913



S/R= 30.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6700	1.9551	3.4286	4.5753	1.3681	5.391	1.2123	5.6136	1.08056
6800	1.9817	3.4651	4.5832	1.3755	5.467	1.2220	5.6322	1.08194
6900	2.0075	3.5008	4.5910	1.3826	5.544	1.2319	5.6510	1.08330
7000	2.0330	3.5361	4.5987	1.3902	5.622	1.2421	5.6703	1.08461
7100	2.0578	3.5707	4.6063	1.3980	5.702	1.2525	5.6891	1.08593
7200	2.0822	3.6049	4.6139	1.4045	5.780	1.2633	5.7087	1.08718
7300	2.1062	3.6386	4.6214	1.4112	5.859	1.2744	5.7284	1.08844
7400	2.1298	3.6720	4.6288	1.4177	5.939	1.2858	5.7485	1.08962
7500	2.1530	3.7050	4.6362	1.4258	6.024	1.2975	5.7688	1.09078
7600	2.1757	3.7375	4.6435	1.4344	6.110	1.3095	5.7896	1.09193
7700	2.1979	3.7695	4.6507	1.4389	6.188	1.3218	5.8110	1.09308

S/R= 30.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.1309	-4.5673	2.5416	1.4016	0.605	1.0000	3.4806	1.00000
200	-3.3813	-3.5167	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-2.9422	-2.9015	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-2.6282	-2.4626	3.1455	1.3950	1.208	1.0000	3.4952	1.00000
500	-2.3875	-2.1179	3.2440	1.3874	1.347	1.0000	3.5074	1.00000
600	-2.1731	-1.8311	3.3256	1.3769	1.470	1.0000	3.5270	1.00000
700	-1.9922	-1.5832	3.3955	1.3651	1.581	1.0000	3.5516	1.00000
800	-1.8308	-1.3638	3.4572	1.3542	1.683	1.0000	3.5817	1.00000
900	-1.6839	-1.1658	3.5121	1.3445	1.779	1.0000	3.6129	1.00000
1000	-1.5496	-0.9857	3.5619	1.3364	1.869	1.0000	3.6467	1.00000
1100	-1.4247	-0.8194	3.6071	1.3281	1.955	1.0001	3.6791	1.00000
1200	-1.3083	-0.6652	3.6488	1.3215	2.037	1.0001	3.7122	1.00000
1300	-1.1991	-0.5213	3.6874	1.3160	2.115	1.0001	3.7452	1.00000
1400	-1.0963	-0.3862	3.7234	1.3097	2.190	1.0001	3.7776	1.00000
1500	-0.9994	-0.2584	3.7570	1.3037	2.262	1.0001	3.8097	1.00000
1600	-0.9053	-0.1372	3.7887	1.2986	2.331	1.0002	3.8421	1.00000
1700	-0.8162	-0.0218	3.8186	1.2930	2.398	1.0002	3.8743	1.00000
1800	-0.7306	0.0887	3.8470	1.2874	2.462	1.0003	3.9059	1.00001
1900	-0.6479	0.1949	3.8741	1.2817	2.524	1.0004	3.9385	1.00004
2000	-0.5679	0.2972	3.9000	1.2760	2.584	1.0005	3.9717	1.00009
2100	-0.4900	0.3964	3.9248	1.2700	2.642	1.0006	4.0052	1.00018
2200	-0.4139	0.4928	3.9489	1.2638	2.698	1.0009	4.0408	1.00032
2300	-0.3393	0.5868	3.9720	1.2576	2.752	1.0012	4.0768	1.00055
2400	-0.2658	0.6790	3.9946	1.2509	2.804	1.0016	4.1147	1.00086
2500	-0.1933	0.7695	4.0165	1.2438	2.855	1.0022	4.1552	1.00129
2600	-0.1214	0.8585	4.0380	1.2372	2.905	1.0030	4.1974	1.00187
2700	-0.0501	0.9466	4.0589	1.2314	2.954	1.0039	4.2412	1.00261
2800	0.0208	1.0337	4.0794	1.2266	3.004	1.0050	4.2882	1.00352
2900	0.0913	1.1200	4.0995	1.2208	3.052	1.0064	4.3367	1.00463
3000	0.1624	1.2065	4.1195	1.2168	3.102	1.0080	4.3893	1.00593
3100	0.2319	1.2911	4.1389	1.2148	3.154	1.0099	4.4414	1.00742
3200	0.3009	1.3748	4.1578	1.2117	3.203	1.0120	4.4940	1.00911
3300	0.3692	1.4574	4.1763	1.2098	3.254	1.0144	4.5477	1.01097
3400	0.4365	1.5388	4.1944	1.2094	3.307	1.0170	4.6019	1.01299
3500	0.5023	1.6184	4.2119	1.2095	3.360	1.0198	4.6540	1.01516
3600	0.5669	1.6966	4.2290	1.2088	3.412	1.0229	4.7062	1.01747
3700	0.6307	1.7737	4.2455	1.2082	3.463	1.0261	4.7580	1.01987
3800	0.6934	1.8494	4.2619	1.2089	3.517	1.0296	4.8102	1.02235
3900	0.7545	1.9234	4.2777	1.2117	3.573	1.0332	4.8601	1.02490
4000	0.8135	1.9949	4.2928	1.2156	3.631	1.0371	4.9065	1.02750

S/R= 30.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4100	0.8706	2.0644	4.3075	1.2183	3.688	1.0411	4.9512	1.03017
4200	0.9263	2.1323	4.3217	1.2204	3.743	1.0453	4.9944	1.03283
4300	0.9805	2.1986	4.3356	1.2224	3.798	1.0496	5.0368	1.08281
4400	1.0335	2.2635	4.3491	1.2237	3.853	1.0541	5.0772	1.03812
4500	1.0856	2.3272	4.3623	1.2266	3.909	1.0588	5.1181	1.04072
4600	1.1358	2.3889	4.3751	1.2331	3.972	1.0636	5.1558	1.04328
4700	1.1837	2.4482	4.3873	1.2401	4.036	1.0685	5.1899	1.04584
4800	1.2298	2.5055	4.3990	1.2452	4.096	1.0736	5.2216	1.04838
4900	1.2746	2.5613	4.4105	1.2415	4.143	1.0789	5.2522	1.05086
5000	1.3211	2.6188	4.4223	1.2448	4.201	1.0844	5.2891	1.05297
5100	1.3637	2.6723	4.4333	1.2607	4.281	1.0900	5.3177	1.05583
5200	1.4039	2.7232	4.4438	1.2719	4.353	1.0958	5.3425	1.05763
5300	1.4422	2.7721	4.4538	1.2806	4.422	1.1017	5.3645	1.05993
5400	1.4791	2.8196	4.4636	1.2875	4.488	1.1077	5.3847	1.06219
5500	1.5149	2.8657	4.4731	1.2909	4.548	1.1140	5.4040	1.06438
5600	1.5504	2.9116	4.4825	1.2892	4.599	1.1204	5.4245	1.06649
5700	1.5862	2.9577	4.4921	1.2856	4.647	1.1272	5.4473	1.06845
5800	1.6224	3.0041	4.5017	1.2808	4.694	1.1342	5.4734	1.07025
5900	1.6594	3.0513	4.5115	1.2752	4.739	1.1416	5.5033	1.07189
6000	1.6973	3.0996	4.5215	1.3087	4.859	1.1497	5.5377	1.07333
6100	1.7211	3.1321	4.5280	1.3405	4.965	1.1530	5.5297	1.07563
6200	1.7517	3.1726	4.5365	1.3231	4.989	1.1604	5.5479	1.07734
6300	1.7818	3.2124	4.5449	1.3281	5.055	1.1680	5.5659	1.07901
6400	1.8113	3.2516	4.5531	1.3337	5.123	1.1758	5.5835	1.08062
6500	1.8400	3.2901	4.5612	1.3408	5.194	1.1839	5.6013	1.08220
6600	1.8681	3.3278	4.5692	1.3475	5.265	1.1921	5.6189	1.08376
6700	1.8955	3.3649	4.5771	1.3525	5.334	1.2006	5.6365	1.08525
6800	1.9226	3.4015	4.5849	1.3594	5.407	1.2094	5.6543	1.08669
6900	1.9489	3.4374	4.5926	1.3658	5.480	1.2185	5.6722	1.08812
7000	1.9749	3.4730	4.6002	1.3726	5.554	1.2278	5.6902	1.08949
7100	2.0001	3.5077	4.6078	1.3799	5.630	1.2374	5.7085	1.09086
7200	2.0250	3.5421	4.6153	1.3858	5.705	1.2473	5.7272	1.09218
7300	2.0494	3.5761	4.6227	1.3918	5.780	1.2575	5.7460	1.09349
7400	2.0736	3.6097	4.6301	1.3978	5.856	1.2680	5.7653	1.09473
7500	2.0972	3.6429	4.6374	1.4055	5.937	1.2788	5.7849	1.09595
7600	2.1205	3.6756	4.6446	1.4133	6.019	1.2899	5.8049	1.09716
7700	2.1432	3.7079	4.6518	1.4197	6.099	1.3013	5.8253	1.09837
7800	2.1657	3.7399	4.6590	1.4265	6.181	1.3130	5.8461	1.09954
7900	2.1878	3.7715	4.6661	1.4308	6.258	1.3250	5.8573	1.10069

S/R= 30.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.2178	-4.6542	2.5417	1.4016	0.605	1.0000	3.4806	1.00000
200	-3.4683	-3.5036	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-3.0291	-2.9884	3.0198	1.3998	1.048	1.0000	3.4891	1.00000
400	-2.7152	-2.5496	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-2.4674	-2.2048	3.2440	1.3871	1.347	1.0000	3.5074	1.00000
600	-2.2598	-1.9179	3.3256	1.3768	1.470	1.0000	3.5270	1.00000
700	-2.0790	-1.6700	3.3955	1.3654	1.581	1.0000	3.5516	1.00000
800	-1.9175	-1.4506	3.4572	1.3544	1.683	1.0000	3.5817	1.00000
900	-1.7709	-1.2528	3.5121	1.3447	1.779	1.0000	3.6129	1.00000
1000	-1.6364	-1.0726	3.5619	1.3360	1.869	1.0000	3.6467	1.00000
1100	-1.5115	-0.9062	3.6071	1.3283	1.955	1.0000	3.6791	1.00000
1200	-1.3952	-0.7522	3.6488	1.3219	2.037	1.0001	3.7122	1.00000

S/R= 30.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1300	-1.2861	-0.6082	3.6874	1.3156	2.115	1.0001	3.7452	1.00000
1400	-1.1831	-0.4730	3.7234	1.3095	2.190	1.0001	3.7777	1.00000
1500	-1.0852	-0.3452	3.7570	1.3038	2.262	1.0001	3.8097	1.00000
1600	-0.9921	-0.2241	3.7887	1.2985	2.331	1.0001	3.8421	1.00000
1700	-0.9030	-0.1086	3.8186	1.2929	2.398	1.0002	3.8743	1.00000
1800	-0.8174	0.0018	3.8470	1.2873	2.462	1.0002	3.9060	1.00002
1900	-0.7347	0.1081	3.8741	1.2815	2.524	1.0003	3.9386	1.00005
2000	-0.6545	0.2105	3.9000	1.2756	2.583	1.0004	3.9720	1.00011
2100	-0.5765	0.3098	3.9249	1.2694	2.641	1.0006	4.0057	1.00020
2200	-0.5003	0.4064	3.9490	1.2630	2.697	1.0008	4.0417	1.00036
2300	-0.4254	0.5007	3.9722	1.2565	2.751	1.0011	4.0782	1.00061
2400	-0.3516	0.5932	3.9948	1.2498	2.803	1.0016	4.1169	1.00095
2500	-0.2786	0.6842	4.0169	1.2430	2.854	1.0022	4.1583	1.00143
2600	-0.2061	0.7740	4.0384	1.2360	2.903	1.0030	4.2017	1.00206
2700	-0.1342	0.8627	4.0594	1.2292	2.952	1.0039	4.2469	1.00288
2800	-0.0624	0.9506	4.0802	1.2236	3.001	1.0051	4.2957	1.00388
2900	0.0089	1.0377	4.1005	1.2176	3.049	1.0066	4.3461	1.00510
3000	0.0810	1.1253	4.1206	1.2139	3.099	1.0083	4.4007	1.00651
3100	0.1516	1.2109	4.1402	1.2122	3.151	1.0102	4.4548	1.00814
3200	0.2216	1.2957	4.1593	1.2091	3.201	1.0124	4.5097	1.00997
3300	0.2909	1.3794	4.1780	1.2069	3.251	1.0148	4.5655	1.01198
3400	0.3594	1.4620	4.1963	1.2064	3.304	1.0175	4.6218	1.01417
3500	0.4263	1.5427	4.2139	1.2064	3.357	1.0204	4.6760	1.01651
3600	0.4920	1.6220	4.2312	1.2058	3.409	1.0235	4.7304	1.01898
3700	0.5568	1.7001	4.2480	1.2054	3.461	1.0268	4.7839	1.02156
3800	0.6204	1.7767	4.2644	1.2059	3.514	1.0303	4.8379	1.02421
3900	0.6824	1.8516	4.2803	1.2086	3.570	1.0340	4.8892	1.02693
4000	0.7422	1.9240	4.2955	1.2124	3.628	1.0378	4.9371	1.02970
4100	0.8001	1.9943	4.3103	1.2151	3.684	1.0418	4.9831	1.03252
4200	0.8566	2.0629	4.3246	1.2170	3.739	1.0460	5.0272	1.03535
4300	0.9115	2.1298	4.3385	1.2192	3.794	1.0502	5.0705	1.03810
4400	0.9651	2.1952	4.3520	1.2204	3.848	1.0546	5.1115	1.04093
4500	1.0177	2.2594	4.3653	1.2229	3.904	1.0591	5.1529	1.04367
4600	1.0685	2.3216	4.3780	1.2290	3.966	1.0637	5.1910	1.04635
4700	1.1169	2.3813	4.3902	1.2359	4.029	1.0685	5.2253	1.04905
4800	1.1634	2.4390	4.4020	1.2411	4.089	1.0734	5.2572	1.05170
4900	1.2086	2.4951	4.4135	1.2368	4.134	1.0784	5.2878	1.05429
5000	1.2555	2.5529	4.4252	1.2395	4.190	1.0835	5.3245	1.05651
5100	1.2985	2.6066	4.4362	1.2547	4.268	1.0888	5.3529	1.05952
5200	1.3391	2.6578	4.4466	1.2660	4.340	1.0942	5.3775	1.06135
5300	1.3777	2.7069	4.4566	1.2745	4.407	1.0998	5.3993	1.06375
5400	1.4150	2.7545	4.4663	1.2805	4.471	1.1054	5.4190	1.06610
5500	1.4511	2.8008	4.4758	1.2832	4.528	1.1112	5.4378	1.06837
5600	1.4869	2.8468	4.4852	1.2808	4.577	1.1171	5.4576	1.07057
5700	1.5231	2.8930	4.4946	1.2769	4.624	1.1233	5.4797	1.07260
5800	1.5596	2.9396	4.5042	1.2718	4.668	1.1297	5.5052	1.07446
5900	1.5970	2.9870	4.5140	1.2651	4.710	1.1366	5.5347	1.07615
6000	1.6354	3.0355	4.5239	1.3037	4.837	1.1438	5.5684	1.07764
6100	1.6592	3.0681	4.5304	1.3366	4.946	1.1474	5.5502	1.08004
6200	1.6902	3.1087	4.5388	1.3121	4.955	1.1542	5.5777	1.08181
6300	1.7206	3.1487	4.5471	1.3167	5.019	1.1612	5.5949	1.08355
6400	1.7504	3.1880	4.5553	1.3219	5.084	1.1683	5.6118	1.08522
6500	1.7795	3.2266	4.5633	1.3285	5.153	1.1757	5.6289	1.08685
6600	1.8079	3.2644	4.5713	1.3343	5.220	1.1833	5.6458	1.08846
6700	1.8358	3.3017	4.5791	1.3386	5.285	1.1911	5.6627	1.09001

S/R= 30.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6800	1.8633	3.3385	4.5968	1.3446	5.354	1.1991	5.6795	1.09151
6900	1.8900	3.3746	4.5945	1.3504	5.424	1.2074	5.6966	1.09300
7000	1.9165	3.4103	4.6020	1.3566	5.495	1.2159	5.7140	1.09443
7100	1.9421	3.4453	4.6095	1.3634	5.568	1.2247	5.7314	1.09586
7200	1.9675	3.4799	4.6170	1.3686	5.638	1.2337	5.7493	1.09723
7300	1.9924	3.5141	4.6243	1.3740	5.710	1.2431	5.7674	1.09860
7400	2.0170	3.5480	4.6316	1.3794	5.783	1.2527	5.7858	1.09990
7500	2.0412	3.5814	4.6388	1.3866	5.860	1.2627	5.8047	1.10119
7600	2.0649	3.6143	4.6460	1.3938	5.938	1.2729	5.8239	1.10246
7700	2.0882	3.6468	4.6532	1.3998	6.014	1.2834	5.8437	1.10373
7800	2.1112	3.6791	4.6603	1.4060	6.093	1.2943	5.8638	1.10496
7900	2.1338	3.7110	4.6673	1.4134	6.174	1.3055	5.8843	1.10618
8000	2.1560	3.7425	4.6743	1.4197	6.254	1.3169	5.9054	1.10737
8100	2.1779	3.7737	4.6813	1.4262	6.336	1.3287	5.9269	1.10854
8200	2.1995	3.8045	4.6882	1.4300	6.412	1.3407	5.9488	1.10967

S/R= 31.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.3046	-4.7410	2.5417	1.4018	0.605	1.0000	3.4806	1.00000
200	-3.5552	-3.6906	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-3.1158	-3.0751	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-2.8022	-2.6365	3.1455	1.3951	1.208	1.0000	3.4952	1.00000
500	-2.5543	-2.2918	3.2440	1.3867	1.347	1.0000	3.5074	1.00000
600	-2.3466	-2.0048	3.3256	1.3766	1.470	1.0000	3.5270	1.00000
700	-2.1657	-1.7568	3.3955	1.3657	1.581	1.0000	3.5516	1.00000
800	-2.0043	-1.5374	3.4572	1.3545	1.683	1.0000	3.5817	1.00000
900	-1.8577	-1.3396	3.5121	1.3446	1.779	1.0000	3.6129	1.00000
1000	-1.7232	-1.1593	3.5619	1.3359	1.869	1.0000	3.6467	1.00000
1100	-1.5983	-0.9930	3.6071	1.3283	1.955	1.0000	3.6791	1.00000
1200	-1.4820	-0.8389	3.6488	1.3222	2.037	1.0001	3.7122	1.00000
1300	-1.3730	-0.6952	3.6874	1.3158	2.115	1.0001	3.7452	1.00000
1400	-1.2700	-0.5600	3.7234	1.3092	2.189	1.0001	3.7777	1.00000
1500	-1.1721	-0.4321	3.7570	1.3037	2.261	1.0001	3.8097	1.00000
1600	-1.0790	-0.3109	3.7887	1.2985	2.331	1.0001	3.8421	1.00000
1700	-0.9899	-0.1955	3.8185	1.2929	2.398	1.0002	3.8743	1.00001
1800	-0.9042	-0.0850	3.8470	1.2871	2.462	1.0002	3.9060	1.00002
1900	-0.8214	0.0213	3.8741	1.2813	2.523	1.0003	3.9388	1.00006
2000	-0.7412	0.1238	3.9001	1.2752	2.583	1.0004	3.9723	1.00012
2100	-0.6631	0.2233	3.9250	1.2688	2.640	1.0005	4.0063	1.00023
2200	-0.5866	0.3200	3.9491	1.2622	2.696	1.0008	4.0427	1.00040
2300	-0.5114	0.4146	3.9724	1.2554	2.749	1.0011	4.0798	1.00067
2400	-0.4373	0.5075	3.9950	1.2484	2.801	1.0016	4.1193	1.00105
2500	-0.3637	0.5990	4.0172	1.2415	2.852	1.0022	4.1518	1.00158
2600	-0.2907	0.6895	4.0389	1.2347	2.902	1.0030	4.2065	1.00228
2700	-0.2179	0.7790	4.0601	1.2277	2.950	1.0040	4.2534	1.00317
2800	-0.1454	0.8679	4.0810	1.2212	2.998	1.0053	4.3039	1.00427
2900	-0.0731	0.9560	4.1015	1.2143	3.045	1.0068	4.3563	1.00560
3000	0.0001	1.0445	4.1219	1.2105	3.095	1.0086	4.4132	1.00715
3100	0.0718	1.1313	4.1416	1.2093	3.148	1.0106	4.4696	1.00892
3200	0.1429	1.2172	4.1609	1.2065	3.198	1.0129	4.5267	1.01090
3300	0.2134	1.3021	4.1798	1.2043	3.249	1.0155	4.5847	1.01308
3400	0.2829	1.3858	4.1983	1.2036	3.301	1.0182	4.6434	1.01544
3500	0.3510	1.4678	4.2162	1.2035	3.354	1.0212	4.6999	1.01795
3600	0.4178	1.5482	4.2335	1.2030	3.406	1.0245	4.7564	1.02060

S/R= 31.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3700	0.4836	1.6273	4.2505	1.2027	3.458	1.0278	4.8118	1.02336
3800	0.5481	1.7049	4.2671	1.2033	3.512	1.0314	4.8573	1.02618
3900	0.6111	1.7807	4.2831	1.2057	3.568	1.0351	4.9204	1.02907
4000	0.6718	1.8540	4.2984	1.2094	3.625	1.0389	4.9697	1.03201
4100	0.7305	1.9251	4.3132	1.2122	3.682	1.0429	5.0170	1.03500
4200	0.7876	1.9944	4.3276	1.2143	3.737	1.0471	5.0622	1.03798
4300	0.8432	2.0620	4.3416	1.2162	3.792	1.0513	5.1063	1.03308
4400	0.8974	2.1279	4.3551	1.2173	3.845	1.0556	5.1480	1.04387
4500	0.9505	2.1926	4.3684	1.2199	3.901	1.0600	5.1898	1.04674
4600	1.0017	2.2552	4.3811	1.2256	3.962	1.0645	5.2282	1.04955
4700	1.0506	2.3153	4.3933	1.2321	4.024	1.0691	5.2629	1.05237
4800	1.0976	2.3733	4.4051	1.2371	4.083	1.0738	5.2948	1.05515
4900	1.1431	2.4298	4.4166	1.2330	4.128	1.0786	5.3255	1.05785
5000	1.1904	2.4877	4.4283	1.2354	4.183	1.0835	5.3620	1.06017
5100	1.2338	2.5417	4.4392	1.2496	4.259	1.0884	5.3903	1.06301
5200	1.2747	2.5932	4.4496	1.2603	4.329	1.0935	5.4147	1.06519
5300	1.3137	2.6424	4.4596	1.2688	4.396	1.0987	5.4361	1.06768
5400	1.3512	2.6902	4.4692	1.2750	4.458	1.1041	5.4555	1.07012
5500	1.3876	2.7366	4.4787	1.2773	4.515	1.1095	5.4738	1.07247
5600	1.4237	2.7827	4.4880	1.2739	4.561	1.1150	5.4930	1.07475
5700	1.4601	2.8291	4.4974	1.2690	4.604	1.1207	5.5145	1.07684
5800	1.4970	2.8757	4.5069	1.2633	4.646	1.1266	5.5394	1.07877
5900	1.5347	2.9233	4.5166	1.2564	4.686	1.1328	5.5683	1.08051
6000	1.5736	2.9720	4.5265	1.2994	4.820	1.1394	5.6015	1.08204
6100	1.5973	3.0047	4.5330	1.3327	4.930	1.1433	5.5931	1.08453
6200	1.6287	3.0454	4.5414	1.3024	4.927	1.1495	5.6099	1.08637
6300	1.6594	3.0855	4.5496	1.3064	4.988	1.1559	5.6265	1.08816
6400	1.6896	3.1250	4.5577	1.3111	5.050	1.1624	5.5427	1.08989
6500	1.7190	3.1637	4.5657	1.3170	5.116	1.1692	5.6591	1.09158
6600	1.7478	3.2017	4.5735	1.3226	5.181	1.1762	5.6753	1.09324
6700	1.7760	3.2391	4.5813	1.3265	5.244	1.1833	5.6915	1.09484
6800	1.8039	3.2760	4.5890	1.3315	5.310	1.1907	5.7078	1.09640
6900	1.8310	3.3123	4.5966	1.3364	5.375	1.1983	5.7242	1.09794
7000	1.8579	3.3482	4.6041	1.3422	5.444	1.2061	5.7408	1.09943
7100	1.8840	3.3833	4.6115	1.3482	5.513	1.2141	5.7576	1.10091
7200	1.9098	3.4182	4.6189	1.3529	5.580	1.2224	5.7748	1.10234
7300	1.9352	3.4526	4.6262	1.3577	5.649	1.2310	5.7922	1.10377
7400	1.9602	3.4867	4.6334	1.3626	5.718	1.2399	5.8100	1.10513
7500	1.9849	3.5204	4.6406	1.3691	5.791	1.2490	5.8281	1.10647
7600	2.0091	3.5536	4.6477	1.3758	5.866	1.2584	5.8467	1.10781
7700	2.0328	3.5863	4.6548	1.3812	5.939	1.2682	5.8658	1.10914
7800	2.0564	3.6189	4.6619	1.3871	6.014	1.2782	5.8853	1.11043
7900	2.0794	3.6510	4.6689	1.3939	6.091	1.2885	5.9052	1.11171
8000	2.1022	3.6828	4.6758	1.3998	6.168	1.2992	5.9257	1.11297
8100	2.1247	3.7143	4.6828	1.4059	6.246	1.3101	5.9466	1.11421
8200	2.1467	3.7454	4.6896	1.4125	6.326	1.3214	5.9678	1.11541
8300	2.1685	3.7762	4.6965	1.4189	6.407	1.3329	5.9895	1.11661
8400	2.1900	3.8068	4.7033	1.4221	6.482	1.3448	6.0120	1.11779

S/R= 31.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.3913	-4.8277	2.5417	1.4018	0.605	1.0000	3.4806	1.00000
200	-3.6421	-3.7775	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-3.2026	-3.1619	3.0198	1.3997	1.048	1.0000	3.4891	1.00000

S/R= 31.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
400	-2.8889	-2.7233	3.1455	1.3952	1.208	1.0000	3.4952	1.00000
500	-2.6412	-2.3786	3.2440	1.3866	1.346	1.0000	3.5074	1.00000
600	-2.4335	-2.0917	3.3256	1.3766	1.470	1.0000	3.5270	1.00000
700	-2.2526	-1.8437	3.3955	1.3660	1.581	1.0000	3.5515	1.00000
800	-2.0913	-1.6243	3.4572	1.3543	1.683	1.0000	3.5817	1.00000
900	-1.9445	-1.4263	3.5121	1.3444	1.779	1.0000	3.6129	1.00000
1000	-1.8100	-1.2461	3.5619	1.3361	1.869	1.0000	3.6467	1.00000
1100	-1.6852	-1.0799	3.6071	1.3283	1.955	1.0000	3.6791	1.00000
1200	-1.5688	-0.9257	3.6488	1.3221	2.037	1.0000	3.7122	1.00000
1300	-1.4599	-0.7820	3.6874	1.3162	2.115	1.0001	3.7452	1.00000
1400	-1.3570	-0.6469	3.7234	1.3092	2.189	1.0001	3.7777	1.00000
1500	-1.2589	-0.5189	3.7570	1.3034	2.261	1.0001	3.8095	1.00000
1600	-1.1658	-0.3978	3.7887	1.2984	2.331	1.0001	3.8421	1.00000
1700	-1.0767	-0.2823	3.8186	1.2928	2.397	1.0001	3.8743	1.00001
1800	-0.9910	-0.1718	3.8470	1.2869	2.461	1.0002	3.9061	1.00003
1900	-0.9082	-0.0655	3.8741	1.2810	2.523	1.0002	3.9390	1.00006
2000	-0.8279	0.0372	3.9001	1.2748	2.583	1.0003	3.9727	1.00013
2100	-0.7496	0.1367	3.9250	1.2682	2.640	1.0005	4.0070	1.00025
2200	-0.6729	0.2337	3.9492	1.2614	2.695	1.0008	4.0439	1.00044
2300	-0.5974	0.3286	3.9726	1.2543	2.748	1.0011	4.0817	1.00075
2400	-0.5228	0.4220	3.9953	1.2469	2.800	1.0016	4.1220	1.00117
2500	-0.4487	0.5141	4.0175	1.2397	2.850	1.0023	4.1557	1.00174
2600	-0.3750	0.6052	4.0395	1.2328	2.900	1.0031	4.2119	1.00251
2700	-0.3015	0.6956	4.0608	1.2261	2.948	1.0042	4.2504	1.00350
2800	-0.2280	0.7855	4.0819	1.2195	2.996	1.0056	4.3129	1.00470
2900	-0.1546	0.8747	4.1025	1.2119	3.042	1.0072	4.3575	1.00615
3000	-0.0804	0.9644	4.1232	1.2072	3.091	1.0090	4.4267	1.00784
3100	-0.0075	1.0523	4.1432	1.2058	3.144	1.0112	4.4857	1.00976
3200	0.0648	1.1394	4.1627	1.2036	3.195	1.0136	4.5452	1.01191
3300	0.1364	1.2255	4.1818	1.2017	3.246	1.0163	4.6056	1.01426
3400	0.2072	1.3105	4.2005	1.2009	3.299	1.0192	4.6667	1.01679
3500	0.2764	1.3937	4.2185	1.2007	3.352	1.0223	4.7256	1.01949
3600	0.3444	1.4753	4.2361	1.2004	3.404	1.0256	4.7843	1.02233
3700	0.4112	1.5554	4.2532	1.2003	3.457	1.0291	4.8417	1.02526
3800	0.4767	1.6340	4.2699	1.2008	3.510	1.0327	4.8989	1.02827
3900	0.5405	1.7107	4.2860	1.2032	3.566	1.0365	4.9535	1.03134
4000	0.6021	1.7849	4.3014	1.2067	3.624	1.0404	5.0044	1.03445
4100	0.6616	1.8568	4.3163	1.2095	3.680	1.0444	5.0530	1.03760
4200	0.7195	1.9269	4.3308	1.2119	3.736	1.0485	5.0993	1.04075
4300	0.7756	1.9950	4.3448	1.2138	3.791	1.0527	5.1441	1.04209
4400	0.8304	2.0615	4.3583	1.2147	3.844	1.0570	5.1864	1.04693
4500	0.8840	2.1266	4.3716	1.2171	3.899	1.0613	5.2287	1.04993
4600	0.9357	2.1897	4.3844	1.2228	3.959	1.0657	5.2675	1.05298
4700	0.9850	2.2501	4.3966	1.2292	4.021	1.0702	5.3024	1.05582
4800	1.0324	2.3085	4.4083	1.2337	4.080	1.0748	5.3345	1.05871
4900	1.0783	2.3652	4.4198	1.2295	4.124	1.0794	5.3652	1.06153
5000	1.1259	2.4234	4.4315	1.2318	4.178	1.0840	5.4015	1.06394
5100	1.1695	2.4776	4.4423	1.2457	4.253	1.0888	5.4296	1.06559
5200	1.2108	2.5292	4.4527	1.2558	4.322	1.0937	5.4538	1.06914
5300	1.2500	2.5787	4.4627	1.2637	4.386	1.0986	5.4749	1.07172
5400	1.2879	2.6267	4.4723	1.2696	4.448	1.1036	5.4939	1.07423
5500	1.3244	2.6732	4.4817	1.2721	4.504	1.1087	5.5117	1.07667
5600	1.3607	2.7194	4.4909	1.2687	4.549	1.1139	5.5304	1.07902
5700	1.3974	2.7658	4.5003	1.2629	4.590	1.1192	5.5515	1.08118
5800	1.4346	2.8126	4.5097	1.2560	4.629	1.1246	5.5757	1.08317

S/R= 31.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5900	1.4726	2.8603	4.5194	1.2484	4.666	1.1303	5.6040	1.08496
6000	1.5118	2.9091	4.5292	1.2944	4.804	1.1363	5.6365	1.08653
6100	1.5357	2.9419	4.5357	1.3285	4.916	1.1403	5.6280	1.08910
6200	1.5673	2.9828	4.5440	1.2946	4.904	1.1460	5.6443	1.09099
6300	1.5983	3.0229	4.5522	1.2978	4.963	1.1520	5.6503	1.09284
6400	1.6288	3.0626	4.5602	1.3015	5.022	1.1580	5.6759	1.09462
6500	1.6586	3.1014	4.5682	1.3067	5.085	1.1642	5.6916	1.09636
6600	1.6877	3.1395	4.5760	1.3117	5.148	1.1706	5.7073	1.09808
6700	1.7162	3.1770	4.5837	1.3152	5.208	1.1772	5.7229	1.09974
6800	1.7445	3.2142	4.5913	1.3199	5.271	1.1840	5.7385	1.10134
6900	1.7720	3.2506	4.5989	1.3245	5.335	1.1909	5.7544	1.10294
7000	1.7992	3.2866	4.6063	1.3293	5.399	1.1982	5.7705	1.10448
7100	1.8257	3.3220	4.6137	1.3345	5.465	1.2055	5.7868	1.10601
7200	1.8519	3.3570	4.6210	1.3385	5.529	1.2131	5.8033	1.10750
7300	1.8778	3.3917	4.6283	1.3428	5.594	1.2210	5.8202	1.10898
7400	1.9033	3.4260	4.6355	1.3472	5.661	1.2292	5.8374	1.11041
7500	1.9284	3.4599	4.6426	1.3531	5.731	1.2376	5.8549	1.11180
7600	1.9531	3.4934	4.6497	1.3592	5.802	1.2462	5.8729	1.11320
7700	1.9773	3.5264	4.6567	1.3642	5.872	1.2552	5.8915	1.11459
7800	2.0013	3.5592	4.6637	1.3694	5.943	1.2645	5.9104	1.11594
7900	2.0249	3.5916	4.6707	1.3758	6.017	1.2741	5.9297	1.11729
8000	2.0482	3.6236	4.6776	1.3812	6.091	1.2839	5.9497	1.11862
8100	2.0711	3.6554	4.6845	1.3870	6.166	1.2941	5.9701	1.11993
8200	2.0937	3.6868	4.6913	1.3932	6.243	1.3045	5.9908	1.12119
8300	2.1160	3.7180	4.6981	1.3991	6.320	1.3153	6.0121	1.12246
8400	2.1381	3.7488	4.7049	1.4049	6.398	1.3265	6.0339	1.12372
8500	2.1598	3.7795	4.7116	1.4100	6.475	1.3379	6.0564	1.12495
8600	2.1814	3.8100	4.7183	1.4123	6.547	1.3497	6.0791	1.12616

S/R= 31.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.4782	-4.9147	2.5417	1.4017	0.605	1.0000	3.4806	1.00000
200	-3.7288	-3.8642	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-3.2896	-3.2488	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-2.9757	-2.8100	3.1455	1.3950	1.208	1.0000	3.4952	1.00000
500	-2.7280	-2.4654	3.2440	1.3868	1.347	1.0000	3.5074	1.00000
600	-2.5204	-2.1787	3.3256	1.3769	1.470	1.0000	3.5270	1.00000
700	-2.3396	-1.9306	3.3955	1.3660	1.581	1.0000	3.5516	1.00000
800	-2.1783	-1.7113	3.4572	1.3541	1.683	1.0000	3.5817	1.00000
900	-2.0313	-1.5132	3.5121	1.3444	1.779	1.0000	3.6129	1.00000
1000	-1.8969	-1.3331	3.5519	1.3363	1.869	1.0000	3.6467	1.00000
1100	-1.7722	-1.1669	3.6071	1.3282	1.955	1.0000	3.6791	1.00000
1200	-1.6556	-1.0126	3.6488	1.3218	2.037	1.0000	3.7122	1.00000
1300	-1.5466	-0.8688	3.6874	1.3161	2.115	1.0000	3.7452	1.00000
1400	-1.4438	-0.7338	3.7234	1.3093	2.189	1.0001	3.7777	1.00000
1500	-1.3458	-0.6058	3.7570	1.3034	2.261	1.0001	3.8096	1.00000
1600	-1.2526	-0.4846	3.7887	1.2984	2.331	1.0001	3.8421	1.00000
1700	-1.1635	-0.3691	3.8185	1.2927	2.397	1.0001	3.8743	1.00001
1800	-1.0778	-0.2586	3.8470	1.2868	2.461	1.0001	3.9062	1.00003
1900	-0.9949	-0.1522	3.8742	1.2807	2.523	1.0002	3.9392	1.00007
2000	-0.9145	-0.0495	3.9002	1.2744	2.582	1.0003	3.9731	1.00015
2100	-0.8360	0.0503	3.9251	1.2676	2.639	1.0005	4.0078	1.00028
2200	-0.7591	0.1475	3.9494	1.2604	2.694	1.0007	4.0452	1.00049
2300	-0.6833	0.2428	3.9729	1.2531	2.747	1.0011	4.0837	1.00083

S/R= 31.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2400	-0.6082	0.3365	3.9955	1.2454	2.798	1.0016	4.1251	1.00129
2500	-0.5336	0.4293	4.0181	1.2378	2.848	1.0024	4.1701	1.00192
2600	-0.4591	0.5212	4.0401	1.2306	2.897	1.0033	4.2178	1.00277
2700	-0.3847	0.6125	4.0616	1.2238	2.946	1.0044	4.2582	1.00385
2800	-0.3102	0.7034	4.0829	1.2176	2.995	1.0059	4.3228	1.00517
2900	-0.2357	0.7938	4.1039	1.2101	3.041	1.0076	4.3798	1.00675
3000	-0.1603	0.8848	4.1246	1.2048	3.089	1.0096	4.4415	1.00858
3100	-0.0862	0.9740	4.1449	1.2024	3.141	1.0119	4.5031	1.01067
3200	-0.0126	1.0624	4.1646	1.2002	3.192	1.0144	4.5652	1.01299
3300	0.0602	1.1497	4.1839	1.1988	3.244	1.0172	4.6281	1.01552
3400	0.1322	1.2359	4.2028	1.1982	3.297	1.0202	4.6916	1.01825
3500	0.2027	1.3204	4.2210	1.1981	3.350	1.0235	4.7531	1.02114
3600	0.2719	1.4033	4.2388	1.1979	3.403	1.0269	4.8141	1.02416
3700	0.3397	1.4845	4.2560	1.1980	3.456	1.0305	4.8735	1.02728
3800	0.4061	1.5641	4.2728	1.1986	3.510	1.0343	4.9324	1.03047
3900	0.4708	1.6417	4.2890	1.2008	3.566	1.0381	4.9885	1.03373
4000	0.5332	1.7168	4.3046	1.2042	3.623	1.0421	5.0410	1.03701
4100	0.5936	1.7895	4.3196	1.2071	3.679	1.0461	5.0910	1.04032
4200	0.6521	1.8603	4.3341	1.2095	3.735	1.0503	5.1383	1.04364
4300	0.7089	1.9290	4.3481	1.2117	3.790	1.0545	5.1839	1.04349
4400	0.7641	1.9959	4.3617	1.2127	3.844	1.0588	5.2268	1.05012
4500	0.8182	2.0615	4.3750	1.2148	3.898	1.0631	5.2695	1.05325
4600	0.8703	2.1250	4.3877	1.2203	3.958	1.0674	5.3085	1.05634
4700	0.9200	2.1858	4.3999	1.2265	4.020	1.0718	5.3437	1.05940
4800	0.9677	2.2445	4.4117	1.2311	4.078	1.0762	5.3759	1.06240
4900	1.0140	2.3015	4.4231	1.2267	4.122	1.0807	5.4066	1.06533
5000	1.0618	2.3598	4.4348	1.2285	4.175	1.0852	5.4427	1.06781
5100	1.1058	2.4142	4.4455	1.2421	4.249	1.0897	5.4706	1.06737
5200	1.1473	2.4660	4.4559	1.2521	4.317	1.0944	5.4946	1.07319
5300	1.1868	2.5157	4.4659	1.2597	4.381	1.0991	5.5155	1.07585
5400	1.2249	2.5638	4.4754	1.2651	4.441	1.1039	5.5341	1.07845
5500	1.2616	2.6104	4.4848	1.2673	4.495	1.1087	5.5515	1.08095
5600	1.2982	2.6567	4.4940	1.2636	4.539	1.1136	5.5696	1.08337
5700	1.3351	2.7032	4.5033	1.2577	4.579	1.1185	5.5901	1.08560
5800	1.3724	2.7500	4.5127	1.2506	4.617	1.1236	5.6139	1.08764
5900	1.4107	2.7978	4.5223	1.2420	4.651	1.1289	5.6416	1.08947
6000	1.4502	2.8467	4.5320	1.2896	4.791	1.1343	5.6735	1.09109
6100	1.4742	2.8797	4.5385	1.3239	4.903	1.1383	5.6648	1.09374
6200	1.5061	2.9206	4.5468	1.2870	4.885	1.1437	5.6805	1.09568
6300	1.5374	2.9609	4.5549	1.2900	4.942	1.1492	5.6960	1.09758
6400	1.5681	3.0006	4.5629	1.2936	5.000	1.1548	5.7111	1.09941
6500	1.5982	3.0396	4.5708	1.2980	5.060	1.1606	5.7264	1.10120
6600	1.6276	3.0778	4.5786	1.3020	5.120	1.1664	5.7414	1.10297
6700	1.6565	3.1155	4.5862	1.3049	5.177	1.1725	5.7565	1.10467
6800	1.6850	3.1528	4.5938	1.3090	5.238	1.1787	5.7716	1.10633
6900	1.7129	3.1894	4.6013	1.3131	5.299	1.1851	5.7870	1.10798
7000	1.7405	3.2255	4.6087	1.3177	5.362	1.1918	5.8026	1.10957
7100	1.7674	3.2612	4.6161	1.3226	5.425	1.1986	5.8185	1.11115
7200	1.7940	3.2964	4.6233	1.3259	5.486	1.2056	5.8346	1.11270
7300	1.8203	3.3313	4.6306	1.3294	5.548	1.2129	5.8510	1.11424
7400	1.8462	3.3658	4.6377	1.3330	5.611	1.2204	5.8677	1.11572
7500	1.8718	3.3999	4.6448	1.3383	5.678	1.2281	5.8848	1.11717
7600	1.8969	3.4337	4.6518	1.3440	5.746	1.2361	5.9023	1.11864
7700	1.9216	3.4669	4.6588	1.3485	5.813	1.2444	5.9204	1.12009
7800	1.9461	3.5000	4.6658	1.3532	5.881	1.2530	5.9389	1.12150



S/R= 31.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7900	1.9702	3.5327	4.6727	1.3590	5.952	1.2618	5.9578	1.12291
8000	1.9940	3.5650	4.6795	1.3640	6.022	1.2710	5.9773	1.12430
8100	2.0175	3.5971	4.6864	1.3693	6.094	1.2804	5.9972	1.12568
8200	2.0405	3.6288	4.6932	1.3752	6.168	1.2901	6.0175	1.12701
8300	2.0634	3.6603	4.7000	1.3807	6.242	1.3002	6.0383	1.12835
8400	2.0859	3.6915	4.7067	1.3863	6.317	1.3105	6.0598	1.12969
8500	2.1082	3.7224	4.7134	1.3911	6.392	1.3212	6.0818	1.13099
8600	2.1303	3.7532	4.7201	1.3973	6.470	1.3323	6.1041	1.13227
8700	2.1519	3.7835	4.7268	1.4046	6.553	1.3436	6.1267	1.13354
8800	2.1733	3.8136	4.7334	1.4108	6.633	1.3552	6.1502	1.13482
8900	2.1944	3.8434	4.7400	1.4139	6.707	1.3671	6.1740	1.13604

S/R= 31.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.5652	-5.0016	2.5417	1.4016	0.605	1.0000	3.4806	1.00000
200	-3.8156	-3.9510	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-3.3765	-3.3358	3.0198	1.3998	1.048	1.0000	3.4891	1.00000
400	-3.0626	-2.8969	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-2.8148	-2.5522	3.2440	1.3868	1.347	1.0000	3.5074	1.00000
600	-2.6074	-2.2656	3.3256	1.3769	1.470	1.0000	3.5270	1.00000
700	-2.4265	-2.0176	3.3955	1.3659	1.581	1.0000	3.5515	1.00000
800	-2.2651	-1.7981	3.4572	1.3543	1.683	1.0000	3.5817	1.00000
900	-2.1183	-1.6001	3.5121	1.3445	1.779	1.0000	3.6129	1.00000
1000	-1.9839	-1.4200	3.5619	1.3361	1.869	1.0000	3.6467	1.00000
1100	-1.8590	-1.2537	3.6071	1.3282	1.955	1.0000	3.6791	1.00000
1200	-1.7426	-1.0996	3.6488	1.3218	2.037	1.0000	3.7122	1.00000
1300	-1.6335	-0.9556	3.6874	1.3157	2.115	1.0000	3.7452	1.00000
1400	-1.5306	-0.8206	3.7234	1.3094	2.189	1.0000	3.7777	1.00000
1500	-1.4326	-0.6925	3.7570	1.3036	2.261	1.0001	3.8096	1.00000
1600	-1.3395	-0.5715	3.7887	1.2983	2.331	1.0001	3.8421	1.00000
1700	-1.2503	-0.4560	3.8187	1.2926	2.397	1.0001	3.8744	1.00001
1800	-1.1646	-0.3454	3.8470	1.2866	2.461	1.0001	3.9063	1.00004
1900	-1.0816	-0.2389	3.8742	1.2804	2.523	1.0002	3.9394	1.00008
2000	-1.0011	-0.1361	3.9002	1.2739	2.582	1.0003	3.9735	1.00017
2100	-0.9225	-0.0362	3.9252	1.2669	2.638	1.0005	4.0086	1.00032
2200	-0.8453	0.0613	3.9495	1.2595	2.693	1.0008	4.0466	1.00055
2300	-0.7691	0.1570	3.9730	1.2517	2.745	1.0012	4.0859	1.00091
2400	-0.6935	0.2513	3.9960	1.2438	2.796	1.0017	4.1284	1.00142
2500	-0.6182	0.3447	4.0186	1.2359	2.846	1.0025	4.1748	1.00212
2600	-0.5429	0.4374	4.0407	1.2283	2.895	1.0035	4.2243	1.00306
2700	-0.4676	0.5297	4.0625	1.2213	2.943	1.0047	4.2767	1.00423
2800	-0.3920	0.6217	4.0840	1.2150	2.992	1.0063	4.3337	1.00568
2900	-0.3164	0.7134	4.1052	1.2080	3.039	1.0081	4.3932	1.00740
3000	-0.2397	0.8057	4.1262	1.2029	3.088	1.0102	4.4575	1.00939
3100	-0.1643	0.8964	4.1467	1.2000	3.139	1.0126	4.5219	1.01165
3200	-0.0894	0.9861	4.1667	1.1970	3.189	1.0153	4.5868	1.01416
3300	-0.0152	1.0747	4.1862	1.1955	3.241	1.0183	4.6524	1.01688
3400	0.0579	1.1622	4.2053	1.1953	3.295	1.0215	4.7184	1.01980
3500	0.1298	1.2481	4.2237	1.1955	3.349	1.0249	4.7825	1.02288
3600	0.2001	1.3322	4.2417	1.1957	3.402	1.0285	4.8459	1.02610
3700	0.2690	1.4145	4.2590	1.1959	3.456	1.0322	4.9072	1.02942
3800	0.3363	1.4951	4.2760	1.1966	3.510	1.0360	4.9679	1.03280
3900	0.4019	1.5736	4.2923	1.1987	3.566	1.0400	5.0257	1.03624
4000	0.4652	1.6495	4.3079	1.2018	3.623	1.0440	5.0795	1.03970

S/R= 31.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4100	0.5263	1.7231	4.3230	1.2049	3.680	1.0482	5.1308	1.04318
4200	0.5855	1.7945	4.3375	1.2075	3.736	1.0524	5.1792	1.04665
4300	0.6429	1.8639	4.3515	1.2097	3.791	1.0566	5.2255	1.04824
4400	0.6936	1.9313	4.3652	1.2109	3.845	1.0609	5.2590	1.05342
4500	0.7531	1.9973	4.3785	1.2130	3.899	1.0652	5.3121	1.05670
4600	0.8056	2.0611	4.3912	1.2182	3.959	1.0695	5.3515	1.05990
4700	0.8556	2.1222	4.4034	1.2241	4.019	1.0738	5.3867	1.06308
4800	0.9037	2.1812	4.4152	1.2286	4.078	1.0781	5.4190	1.06619
4900	0.9502	2.2384	4.4266	1.2245	4.121	1.0825	5.4496	1.06923
5000	0.9982	2.2970	4.4382	1.2261	4.174	1.0869	5.4855	1.07179
5100	1.0425	2.3515	4.4490	1.2389	4.246	1.0913	5.5132	1.06948
5200	1.0843	2.4035	4.4593	1.2487	4.313	1.0957	5.5369	1.07734
5300	1.1240	2.4533	4.4692	1.2562	4.377	1.1002	5.5575	1.08008
5400	1.1623	2.5015	4.4787	1.2618	4.437	1.1048	5.5758	1.08274
5500	1.1992	2.5482	4.4880	1.2635	4.490	1.1094	5.5928	1.08531
5600	1.2359	2.5946	4.4972	1.2591	4.532	1.1140	5.6104	1.08780
5700	1.2730	2.6412	4.5064	1.2528	4.571	1.1187	5.6303	1.09008
5800	1.3105	2.6881	4.5158	1.2454	4.606	1.1234	5.6535	1.09217
5900	1.3491	2.7360	4.5253	1.2368	4.640	1.1283	5.6808	1.09406
6000	1.3888	2.7849	4.5350	1.2859	4.782	1.1333	5.7124	1.09571
6100	1.4129	2.8180	4.5415	1.3196	4.893	1.1374	5.7032	1.09843
6200	1.4450	2.8590	4.5497	1.2803	4.869	1.1423	5.7184	1.10042
6300	1.4765	2.8994	4.5578	1.2828	4.924	1.1474	5.7334	1.10237
6400	1.5076	2.9393	4.5657	1.2859	4.981	1.1526	5.7480	1.10424
6500	1.5379	2.9783	4.5735	1.2902	5.039	1.1579	5.7628	1.10608
6600	1.5676	3.0167	4.5813	1.2940	5.097	1.1634	5.7775	1.10790
6700	1.5968	3.0545	4.5889	1.2960	5.152	1.1691	5.7922	1.10965
6800	1.6256	3.0920	4.5965	1.2993	5.210	1.1748	5.8069	1.11136
6900	1.6539	3.1287	4.6039	1.3029	5.268	1.1807	5.8219	1.11305
7000	1.6818	3.1652	4.6113	1.3068	5.328	1.1868	5.8370	1.11469
7100	1.7091	3.2009	4.6186	1.3112	5.389	1.1931	5.8524	1.11633
7200	1.7361	3.2364	4.6258	1.3143	5.448	1.1996	5.8682	1.11793
7300	1.7628	3.2714	4.6330	1.3175	5.508	1.2064	5.8843	1.11953
7400	1.7891	3.3062	4.6401	1.3206	5.568	1.2133	5.9008	1.12107
7500	1.8151	3.3406	4.6472	1.3251	5.632	1.2205	5.9175	1.12257
7600	1.8407	3.3746	4.6542	1.3301	5.697	1.2279	5.9347	1.12410
7700	1.8659	3.4081	4.6612	1.3340	5.761	1.2355	5.9524	1.12561
7800	1.8909	3.4415	4.6681	1.3383	5.826	1.2435	5.9705	1.12709
7900	1.9154	3.4744	4.6750	1.3437	5.894	1.2517	5.9890	1.12857
8000	1.9397	3.5071	4.6818	1.3482	5.962	1.2601	6.0082	1.13002
8100	1.9637	3.5395	4.6885	1.3530	6.030	1.2689	6.0278	1.13147
8200	1.9873	3.5714	4.6954	1.3584	6.101	1.2779	6.0477	1.13287
8300	2.0106	3.6032	4.7021	1.3636	6.172	1.2873	6.0682	1.13428
8400	2.0337	3.6347	4.7088	1.3687	6.244	1.2969	6.0893	1.13569
8500	2.0565	3.6660	4.7155	1.3733	6.316	1.3069	6.1109	1.13707
8600	2.0791	3.6971	4.7222	1.3793	6.392	1.3173	6.1329	1.13843
8700	2.1013	3.7277	4.7288	1.3863	6.471	1.3278	6.1552	1.13976
8800	2.1221	3.7581	4.7354	1.3923	6.549	1.3388	6.1783	1.14113
8900	2.1447	3.7883	4.7419	1.3974	6.626	1.3500	6.2017	1.14243
9000	2.1661	3.8182	4.7484	1.4033	6.706	1.3615	6.2255	1.14373
9100	2.1872	3.8479	4.7549	1.4069	6.781	1.3734	6.2501	1.14504

S/R= 31.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.6521	-5.3885	2.5417	1.4017	0.605	1.0000	3.4805	1.00000
200	-3.9026	-4.3380	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-3.4633	-3.4226	3.0198	1.3998	1.048	1.0000	3.4891	1.00000
400	-3.1496	-2.9839	3.1455	1.3950	1.208	1.0000	3.4952	1.00000
500	-2.9017	-2.6392	3.2440	1.3866	1.346	1.0000	3.5074	1.00000
600	-2.6941	-2.3524	3.3256	1.3764	1.470	1.0000	3.5270	1.00000
700	-2.5133	-2.1044	3.3955	1.3659	1.581	1.0000	3.5516	1.00000
800	-2.3518	-1.8848	3.4572	1.3549	1.684	1.0000	3.5817	1.00000
900	-2.2052	-1.6871	3.5121	1.3445	1.779	1.0000	3.6129	1.00000
1000	-2.0707	-1.5069	3.5619	1.3358	1.869	1.0000	3.6467	1.00000
1100	-1.9458	-1.3405	3.6071	1.3283	1.955	1.0000	3.6791	1.00000
1200	-1.8295	-1.1865	3.6488	1.3221	2.037	1.0000	3.7122	1.00000
1300	-1.7204	-1.0426	3.6874	1.3155	2.115	1.0000	3.7452	1.00000
1400	-1.6174	-0.9074	3.7234	1.3092	2.189	1.0000	3.7777	1.00000
1500	-1.5195	-0.7795	3.7570	1.3037	2.261	1.0000	3.8096	1.00000
1600	-1.4263	-0.6583	3.7887	1.2982	2.331	1.0001	3.8421	1.00000
1700	-1.3372	-0.5428	3.8187	1.2925	2.397	1.0001	3.8745	1.00002
1800	-1.2513	-0.4322	3.8471	1.2864	2.461	1.0001	3.9064	1.00004
1900	-1.1683	-0.3257	3.8742	1.2801	2.522	1.0002	3.9397	1.00009
2000	-1.0877	-0.2227	3.9003	1.2734	2.581	1.0003	3.9741	1.00019
2100	-1.0089	-0.1226	3.9253	1.2662	2.638	1.0005	4.0096	1.00035
2200	-0.9314	-0.0248	3.9497	1.2584	2.692	1.0008	4.0482	1.00061
2300	-0.8548	0.0713	3.9733	1.2503	2.744	1.0012	4.0884	1.00101
2400	-0.7787	0.1662	3.9964	1.2420	2.794	1.0018	4.1321	1.00157
2500	-0.7026	0.2603	4.0191	1.2339	2.844	1.0026	4.1800	1.00235
2600	-0.6265	0.3539	4.0415	1.2260	2.893	1.0037	4.2314	1.00337
2700	-0.5501	0.4473	4.0634	1.2187	2.941	1.0051	4.2861	1.00465
2800	-0.4734	0.5405	4.0852	1.2122	2.989	1.0067	4.3455	1.00623
2900	-0.3965	0.6335	4.1066	1.2053	3.036	1.0087	4.4078	1.00811
3000	-0.3185	0.7273	4.1279	1.2007	3.086	1.0110	4.4749	1.01026
3100	-0.2417	0.8194	4.1486	1.1980	3.137	1.0135	4.5422	1.01271
3200	-0.1654	0.9106	4.1688	1.1946	3.188	1.0164	4.6100	1.01540
3300	-0.0899	1.0007	4.1886	1.1925	3.239	1.0195	4.6784	1.01833
3400	-0.0154	1.0895	4.2079	1.1921	3.293	1.0229	4.7471	1.02146
3500	0.0577	1.1766	4.2265	1.1927	3.347	1.0264	4.8138	1.02474
3600	0.1292	1.2620	4.2447	1.1934	3.402	1.0302	4.8796	1.02816
3700	0.1991	1.3455	4.2622	1.1940	3.456	1.0341	4.9430	1.03168
3800	0.2674	1.4270	4.2792	1.1947	3.510	1.0380	5.0054	1.03525
3900	0.3339	1.5064	4.2956	1.1968	3.566	1.0421	5.0647	1.03887
4000	0.3980	1.5833	4.3113	1.1998	3.624	1.0462	5.1200	1.04250
4100	0.4599	1.6576	4.3265	1.2029	3.681	1.0504	5.1725	1.04616
4200	0.5197	1.7297	4.3411	1.2057	3.737	1.0547	5.2219	1.04978
4300	0.5776	1.7996	4.3552	1.2081	3.793	1.0590	5.2691	1.05340
4400	0.6338	1.8675	4.3688	1.2093	3.846	1.0633	5.3130	1.05685
4500	0.6887	1.9339	4.3821	1.2114	3.901	1.0676	5.3564	1.06026
4600	0.7415	1.9980	4.3948	1.2166	3.961	1.0719	5.3959	1.06359
4700	0.7919	2.0595	4.4070	1.2223	4.021	1.0761	5.4314	1.06688
4800	0.8403	2.1187	4.4187	1.2265	4.078	1.0804	5.4635	1.07009
4900	0.8870	2.1761	4.4301	1.2224	4.122	1.0847	5.4942	1.07323
5000	0.9353	2.2348	4.4417	1.2240	4.175	1.0889	5.5298	1.07587
5100	0.9796	2.2895	4.4524	1.2367	4.246	1.0932	5.5572	1.07459
5200	1.0216	2.3416	4.4627	1.2459	4.312	1.0975	5.5807	1.08158
5300	1.0616	2.3916	4.4725	1.2530	4.374	1.1019	5.6010	1.08439
5400	1.1001	2.4399	4.4820	1.2585	4.434	1.1063	5.6189	1.08711
5500	1.1371	2.4867	4.4913	1.2605	4.487	1.1107	5.6354	1.08975

S/R= 31.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5600	1.1739	2.5330	4.5004	1.2559	4.529	1.1151	5.6525	1.09229
5700	1.2112	2.5797	4.5095	1.2488	4.565	1.1195	5.5720	1.09463
5800	1.2489	2.6267	4.5189	1.2407	4.599	1.1239	5.6948	1.09677
5900	1.2877	2.6746	4.5284	1.2317	4.631	1.1284	5.7215	1.09869
6000	1.3277	2.7237	4.5380	1.2822	4.774	1.1331	5.7525	1.10039
6100	1.3518	2.7568	4.5445	1.3162	4.886	1.1371	5.7430	1.10317
6200	1.3841	2.7979	4.5527	1.2748	4.858	1.1418	5.7578	1.10520
6300	1.4158	2.8384	4.5607	1.2766	4.911	1.1466	5.7724	1.10719
6400	1.4471	2.8784	4.5686	1.2791	4.965	1.1514	5.7865	1.10911
6500	1.4777	2.9176	4.5764	1.2829	5.021	1.1563	5.8008	1.11100
6600	1.5077	2.9561	4.5841	1.2862	5.078	1.1614	5.8152	1.11286
6700	1.5372	2.9940	4.5917	1.2881	5.131	1.1667	5.8295	1.11465
6800	1.5663	3.0316	4.5992	1.2912	5.187	1.1720	5.8439	1.11641
6900	1.5949	3.0686	4.6066	1.2940	5.244	1.1775	5.8586	1.11815
7000	1.6232	3.1052	4.6140	1.2972	5.300	1.1832	5.8735	1.11984
7100	1.6508	3.1411	4.6213	1.3008	5.359	1.1890	5.8886	1.12154
7200	1.6783	3.1768	4.6285	1.3034	5.415	1.1950	5.9041	1.12318
7300	1.7053	3.2121	4.6356	1.3062	5.473	1.2013	5.9199	1.12484
7400	1.7321	3.2471	4.6427	1.3091	5.531	1.2077	5.9361	1.12644
7500	1.7585	3.2817	4.6498	1.3132	5.593	1.2144	5.9526	1.12800
7600	1.7845	3.3160	4.6568	1.3178	5.655	1.2213	5.9697	1.12959
7700	1.8101	3.3498	4.6637	1.3211	5.716	1.2284	5.9872	1.13117
7800	1.8356	3.3835	4.6706	1.3246	5.778	1.2357	6.0050	1.13271
7900	1.8606	3.4167	4.6775	1.3295	5.844	1.2433	6.0233	1.13425
8000	1.8854	3.4497	4.6843	1.3335	5.908	1.2512	6.0423	1.13577
8100	1.9099	3.4824	4.6911	1.3380	5.974	1.2593	6.0616	1.13729
8200	1.9340	3.5147	4.6978	1.3429	6.042	1.2677	6.0812	1.13876
8300	1.9578	3.5468	4.7045	1.3477	6.110	1.2764	6.1015	1.14024
8400	1.9814	3.5786	4.7112	1.3524	6.179	1.2855	6.1222	1.14173
8500	2.0047	3.6102	4.7178	1.3566	6.248	1.2948	6.1436	1.14318
8600	2.0279	3.6416	4.7244	1.3624	6.322	1.3044	6.1652	1.14462
8700	2.0505	3.6726	4.7310	1.3690	6.398	1.3143	6.1873	1.14603
8800	2.0729	3.7033	4.7376	1.3747	6.473	1.3246	6.2101	1.14747
8900	2.0950	3.7338	4.7441	1.3798	6.548	1.3351	6.2333	1.14886
9000	2.1169	3.7640	4.7506	1.3855	6.625	1.3460	6.2568	1.15024
9100	2.1385	3.7940	4.7571	1.3916	6.704	1.3572	6.2811	1.15164
9200	2.1599	3.8238	4.7635	1.3969	6.782	1.3687	6.3057	1.15299
9300	2.1810	3.8533	4.7699	1.3996	6.855	1.3805	6.3304	1.15430

S/R= 32.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.7388	-5.1752	2.5417	1.4018	0.605	1.0000	3.4805	1.00000
200	-3.9896	-4.1249	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-3.5501	-3.5094	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-3.2364	-3.0708	3.1455	1.3952	1.208	1.0000	3.4952	1.00000
500	-2.9887	-2.7261	3.2440	1.3865	1.346	1.0000	3.5074	1.00000
600	-2.7809	-2.4392	3.3256	1.3759	1.469	1.0000	3.5270	1.00000
700	-2.6000	-2.1913	3.3955	1.3659	1.581	1.0000	3.5515	1.00000
800	-2.4387	-1.9717	3.4572	1.3554	1.684	1.0000	3.5817	1.00000
900	-2.2920	-1.7738	3.5121	1.3447	1.779	1.0000	3.6129	1.00000
1000	-2.1575	-1.5936	3.5619	1.3357	1.869	1.0000	3.6467	1.00000
1100	-2.0326	-1.4274	3.6071	1.3283	1.955	1.0000	3.6791	1.00000
1200	-1.9163	-1.2732	3.6488	1.3222	2.037	1.0000	3.7121	1.00000
1300	-1.8074	-1.1296	3.6874	1.3158	2.115	1.0000	3.7452	1.00000

S/R= 32.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1400	-1.7043	-0.9944	3.7234	1.3091	2.189	1.0000	3.7777	1.00000
1500	-1.6063	-0.8664	3.7570	1.3035	2.261	1.0000	3.8096	1.00000
1600	-1.5132	-0.7452	3.7887	1.2982	2.331	1.0000	3.8421	1.00000
1700	-1.4240	-0.6296	3.8187	1.2924	2.397	1.0001	3.8745	1.00002
1800	-1.3381	-0.5189	3.8471	1.2863	2.461	1.0001	3.9065	1.00004
1900	-1.2550	-0.4124	3.8743	1.2798	2.522	1.0002	3.9400	1.00010
2000	-1.1743	-0.3093	3.9003	1.2728	2.580	1.0003	3.9747	1.00021
2100	-1.0952	-0.2089	3.9254	1.2653	2.637	1.0005	4.0107	1.00039
2200	-1.0174	-0.1108	3.9499	1.2573	2.691	1.0008	4.0500	1.00068
2300	-0.9404	-0.0143	3.9736	1.2488	2.742	1.0013	4.0912	1.00111
2400	-0.8636	0.0813	3.9968	1.2402	2.793	1.0019	4.1362	1.00173
2500	-0.7868	0.1762	4.0197	1.2317	2.842	1.0028	4.1858	1.00259
2600	-0.7098	0.2708	4.0423	1.2236	2.890	1.0040	4.2393	1.00371
2700	-0.6323	0.3653	4.0645	1.2161	2.938	1.0054	4.2964	1.00511
2800	-0.5543	0.4599	4.0865	1.2094	2.987	1.0072	4.3585	1.00683
2900	-0.4760	0.5543	4.1082	1.2024	3.034	1.0094	4.4236	1.00887
3000	-0.3966	0.6495	4.1297	1.1980	3.084	1.0118	4.4938	1.01120
3100	-0.3184	0.7431	4.1507	1.1957	3.136	1.0145	4.5641	1.01384
3200	-0.2406	0.8359	4.1712	1.1927	3.187	1.0176	4.6349	1.01674
3300	-0.1638	0.9275	4.1912	1.1903	3.238	1.0209	4.7063	1.01988
3400	-0.0879	1.0177	4.2107	1.1892	3.291	1.0244	4.7777	1.02321
3500	-0.0136	1.1061	4.2295	1.1896	3.346	1.0281	4.8470	1.02670
3600	0.0593	1.1928	4.2479	1.1909	3.402	1.0320	4.9153	1.03034
3700	0.1302	1.2774	4.2655	1.1921	3.457	1.0361	4.9807	1.03405
3800	0.1994	1.3599	4.2826	1.1931	3.512	1.0402	5.0448	1.03782
3900	0.2667	1.4402	4.2991	1.1949	3.568	1.0444	5.1057	1.04163
4000	0.3316	1.5179	4.3149	1.1980	3.625	1.0486	5.1624	1.04544
4100	0.3943	1.5930	4.3301	1.2012	3.682	1.0530	5.2162	1.04926
4200	0.4548	1.6658	4.3448	1.2041	3.739	1.0573	5.2665	1.05304
4300	0.5132	1.7362	4.3589	1.2066	3.795	1.0617	5.3143	1.05679
4400	0.5697	1.8045	4.3725	1.2080	3.849	1.0660	5.3587	1.06039
4500	0.6250	1.8713	4.3858	1.2100	3.904	1.0703	5.4023	1.06393
4600	0.6781	1.9357	4.3985	1.2150	3.963	1.0745	5.4420	1.06738
4700	0.7288	1.9974	4.4107	1.2208	4.023	1.0788	5.4774	1.07078
4800	0.7774	2.0569	4.4224	1.2250	4.081	1.0831	5.5097	1.07409
4900	0.8244	2.1145	4.4337	1.2207	4.124	1.0873	5.5401	1.07731
5000	0.8728	2.1733	4.4452	1.2222	4.176	1.0914	5.5754	1.08004
5100	0.9173	2.2281	4.4559	1.2347	4.247	1.0955	5.6024	1.08417
5200	0.9595	2.2803	4.4662	1.2438	4.313	1.0997	5.6256	1.08901
5300	0.9996	2.3304	4.4760	1.2505	4.374	1.1040	5.6456	1.08876
5400	1.0382	2.3788	4.4855	1.2557	4.433	1.1082	5.6631	1.09155
5500	1.0754	2.4256	4.4946	1.2576	4.486	1.1124	5.6792	1.09424
5600	1.1123	2.4720	4.5037	1.2528	4.526	1.1167	5.6957	1.09684
5700	1.1497	2.5187	4.5129	1.2457	4.562	1.1209	5.7147	1.09922
5800	1.1876	2.5658	4.5221	1.2372	4.595	1.1251	5.7371	1.10140
5900	1.2265	2.6138	4.5315	1.2274	4.624	1.1293	5.7533	1.10336
6000	1.2667	2.6629	4.5411	1.2786	4.769	1.1335	5.7939	1.10510
6100	1.2909	2.6961	4.5476	1.3124	4.880	1.1376	5.7839	1.10794
6200	1.3234	2.7373	4.5557	1.2698	4.849	1.1420	5.7983	1.11001
6300	1.3553	2.7779	4.5637	1.2715	4.900	1.1464	5.8125	1.11204
6400	1.3868	2.8179	4.5716	1.2734	4.953	1.1510	5.8263	1.11400
6500	1.4177	2.8572	4.5794	1.2765	5.007	1.1556	5.8404	1.11593
6600	1.4479	2.8959	4.5870	1.2791	5.061	1.1604	5.8544	1.11783
6700	1.4777	2.9340	4.5946	1.2805	5.113	1.1652	5.8684	1.11968
6800	1.5072	2.9718	4.6021	1.2833	5.168	1.1702	5.8825	1.12148

S/R= 32.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6900	1.5350	3.0089	4.6095	1.2860	5.222	1.1754	5.8970	1.12327
7000	1.5647	3.0458	4.6168	1.2889	5.278	1.1806	5.9117	1.12501
7100	1.5927	3.0819	4.6241	1.2920	5.334	1.1861	5.9267	1.12676
7200	1.6205	3.1178	4.6313	1.2937	5.388	1.1917	5.9420	1.12846
7300	1.6479	3.1534	4.6384	1.2958	5.443	1.1975	5.9577	1.13017
7400	1.6751	3.1886	4.6455	1.2983	5.499	1.2035	5.9737	1.13183
7500	1.7019	3.2235	4.6525	1.3020	5.558	1.2096	5.9900	1.13345
7600	1.7284	3.2580	4.6595	1.3062	5.619	1.2160	6.0070	1.13510
7700	1.7545	3.2921	4.6664	1.3094	5.678	1.2227	6.0244	1.13673
7800	1.7804	3.3261	4.6733	1.3125	5.737	1.2296	6.0422	1.13834
7900	1.8059	3.3596	4.6801	1.3167	5.800	1.2367	6.0604	1.13995
8000	1.8311	3.3929	4.6869	1.3202	5.861	1.2440	6.0792	1.14155
8100	1.8561	3.4259	4.6937	1.3240	5.925	1.2516	6.0984	1.14313
8200	1.8807	3.4585	4.7004	1.3286	5.990	1.2594	6.1179	1.14468
8300	1.9051	3.4909	4.7071	1.3331	6.056	1.2675	6.1379	1.14624
8400	1.9291	3.5231	4.7138	1.3373	6.122	1.2759	6.1585	1.14780
8500	1.9530	3.5550	4.7204	1.3412	6.188	1.2846	6.1797	1.14932
8600	1.9766	3.5868	4.7270	1.3467	6.259	1.2937	6.2012	1.15084
8700	1.9998	3.6181	4.7335	1.3529	6.333	1.3029	6.2229	1.15233
8800	2.0227	3.6492	4.7401	1.3583	6.405	1.3126	6.2455	1.15386
8900	2.0453	3.6799	4.7466	1.3632	6.477	1.3224	6.2685	1.15532
9000	2.0678	3.7106	4.7530	1.3687	6.552	1.3327	6.2919	1.15679
9100	2.0899	3.7409	4.7595	1.3746	6.629	1.3433	6.3158	1.15827
9200	2.1117	3.7710	4.7659	1.3798	6.705	1.3541	6.3401	1.15971
9300	2.1333	3.8003	4.7723	1.3857	6.783	1.3652	6.3646	1.16111
9400	2.1546	3.8303	4.7786	1.3913	6.862	1.3767	6.3897	1.16253
9500	2.1756	3.8597	4.7849	1.3967	6.941	1.3884	6.4153	1.16390
9600	2.1964	3.8888	4.7912	1.3997	7.015	1.4005	6.4412	1.16527

S/R= 32.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.8256	-5.2620	2.5417	1.4018	0.605	1.0000	3.4806	1.00000
200	-4.0764	-4.2117	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-3.6369	-3.5962	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-3.3232	-3.1575	3.1455	1.3951	1.208	1.0000	3.4952	1.00000
500	-3.0755	-2.8130	3.2440	1.3867	1.347	1.0000	3.5074	1.00000
600	-2.8678	-2.5261	3.3256	1.3759	1.469	1.0000	3.5270	1.00000
700	-2.6867	-2.2780	3.3955	1.3655	1.581	1.0000	3.5516	1.00000
800	-2.5257	-2.0588	3.4572	1.3554	1.684	1.0000	3.5817	1.00000
900	-2.3787	-1.8606	3.5121	1.3449	1.779	1.0000	3.6129	1.00000
1000	-2.2442	-1.6804	3.5619	1.3360	1.869	1.0000	3.6467	1.00000
1100	-2.1196	-1.5143	3.6071	1.3283	1.955	1.0000	3.6791	1.00000
1200	-2.0030	-1.3600	3.6488	1.3220	2.037	1.0000	3.7122	1.00000
1300	-1.8942	-1.2164	3.6874	1.3161	2.115	1.0000	3.7452	1.00000
1400	-1.7913	-1.0813	3.7234	1.3092	2.189	1.0000	3.7777	1.00000
1500	-1.6932	-0.9532	3.7570	1.3032	2.261	1.0000	3.8095	1.00000
1600	-1.6000	-0.8320	3.7887	1.2981	2.331	1.0000	3.8422	1.00001
1700	-1.5108	-0.7165	3.8187	1.2923	2.397	1.0001	3.8746	1.00002
1800	-1.4249	-0.6057	3.8471	1.2861	2.461	1.0001	3.9068	1.00005
1900	-1.3417	-0.4990	3.8743	1.2795	2.522	1.0002	3.9404	1.00011
2000	-1.2608	-0.3958	3.9004	1.2722	2.580	1.0003	3.9754	1.00023
2100	-1.1815	-0.2952	3.9256	1.2645	2.636	1.0005	4.0119	1.00043
2200	-1.1034	-0.1967	3.9501	1.2561	2.689	1.0009	4.0519	1.00075
2300	-1.0258	-0.0997	3.9739	1.2473	2.741	1.0014	4.0942	1.00122

S/R= 32.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2400	-0.9484	-0.0035	3.9973	1.2382	2.791	1.0021	4.1407	1.00192
2500	-0.8708	0.0923	4.0204	1.2294	2.839	1.0030	4.1922	1.00285
2600	-0.7927	0.1880	4.0431	1.2211	2.888	1.0043	4.2479	1.00407
2700	-0.7140	0.2838	4.0656	1.2133	2.936	1.0059	4.3075	1.00562
2800	-0.6347	0.3797	4.0879	1.2066	2.984	1.0078	4.3726	1.00749
2900	-0.5550	0.4756	4.1099	1.1996	3.031	1.0101	4.4408	1.00970
3000	-0.4741	0.5724	4.1317	1.1951	3.081	1.0127	4.5141	1.01222
3100	-0.3943	0.6676	4.1530	1.1930	3.134	1.0157	4.5877	1.01506
3200	-0.3151	0.7620	4.1737	1.1906	3.186	1.0189	4.6617	1.01818
3300	-0.2368	0.8552	4.1939	1.1885	3.238	1.0224	4.7360	1.02152
3400	-0.1596	0.9469	4.2137	1.1872	3.291	1.0261	4.8103	1.02508
3500	-0.0839	1.0367	4.2327	1.1869	3.345	1.0300	4.8822	1.02878
3600	-0.0099	1.1246	4.2512	1.1882	3.401	1.0341	4.9530	1.03262
3700	0.0622	1.2102	4.2689	1.1900	3.458	1.0383	5.0204	1.03655
3800	0.1323	1.2937	4.2862	1.1915	3.513	1.0426	5.0862	1.04051
3900	0.2004	1.3749	4.3027	1.1934	3.570	1.0469	5.1485	1.04450
4000	0.2661	1.4535	4.3186	1.1963	3.627	1.0512	5.2066	1.04850
4100	0.3295	1.5293	4.3339	1.1996	3.685	1.0557	5.2616	1.05248
4200	0.3905	1.6027	4.3486	1.2027	3.742	1.0601	5.3127	1.05641
4300	0.4494	1.6736	4.3627	1.2053	3.798	1.0645	5.3612	1.06029
4400	0.5064	1.7424	4.3763	1.2069	3.853	1.0689	5.4059	1.06405
4500	0.5619	1.8094	4.3896	1.2090	3.908	1.0732	5.4496	1.06771
4600	0.6154	1.8741	4.4023	1.2138	3.966	1.0775	5.4894	1.07127
4700	0.6663	1.9361	4.4144	1.2194	4.026	1.0817	5.5248	1.07477
4800	0.7151	1.9957	4.4261	1.2236	4.084	1.0859	5.5570	1.07819
4900	0.7622	2.0535	4.4374	1.2195	4.127	1.0901	5.5872	1.08149
5000	0.8107	2.1124	4.4489	1.2208	4.179	1.0941	5.6221	1.08428
5100	0.8554	2.1672	4.4595	1.2329	4.249	1.0982	5.6488	1.09070
5200	0.8977	2.2196	4.4697	1.2417	4.314	1.1023	5.6716	1.09638
5300	0.9379	2.2697	4.4795	1.2484	4.375	1.1064	5.6912	1.09320
5400	0.9767	2.3182	4.4889	1.2537	4.434	1.1105	5.7084	1.09604
5500	1.0140	2.3651	4.4981	1.2553	4.486	1.1146	5.7239	1.09878
5600	1.0510	2.4115	4.5071	1.2501	4.525	1.1187	5.7400	1.10143
5700	1.0885	2.4582	4.5162	1.2427	4.560	1.1227	5.7584	1.10385
5800	1.1265	2.5053	4.5254	1.2341	4.592	1.1267	5.7803	1.10607
5900	1.1656	2.5533	4.5347	1.2241	4.621	1.1306	5.8061	1.10807
6000	1.2059	2.6025	4.5443	1.2755	4.765	1.1347	5.8363	1.10984
6100	1.2302	2.6358	4.5507	1.3088	4.876	1.1386	5.8259	1.11272
6200	1.2629	2.6771	4.5588	1.2651	4.841	1.1427	5.8399	1.11483
6300	1.2950	2.7178	4.5668	1.2663	4.892	1.1470	5.8538	1.11691
6400	1.3267	2.7579	4.5746	1.2681	4.943	1.1512	5.8673	1.11890
6500	1.3578	2.7974	4.5824	1.2712	4.997	1.1556	5.8811	1.12088
6600	1.3883	2.8362	4.5900	1.2732	5.049	1.1601	5.8949	1.12282
6700	1.4184	2.8745	4.5976	1.2739	5.099	1.1646	5.9087	1.12471
6800	1.4481	2.9124	4.6050	1.2761	5.151	1.1693	5.9226	1.12655
6900	1.4773	2.9497	4.6124	1.2783	5.204	1.1741	5.9369	1.12839
7000	1.5063	2.9868	4.6197	1.2809	5.258	1.1790	5.9515	1.13018
7100	1.5347	3.0232	4.6270	1.2837	5.312	1.1841	5.9664	1.13198
7200	1.5628	3.0593	4.6342	1.2854	5.365	1.1894	5.9817	1.13373
7300	1.5906	3.0951	4.6413	1.2870	5.418	1.1948	5.9974	1.13550
7400	1.6183	3.1307	4.6483	1.2887	5.471	1.2004	6.0134	1.13722
7500	1.6455	3.1658	4.6554	1.2918	5.528	1.2061	6.0296	1.13890
7600	1.6724	3.2006	4.6623	1.2954	5.586	1.2121	6.0465	1.14061
7700	1.6989	3.2350	4.6692	1.2982	5.643	1.2183	6.0639	1.14232
7800	1.7253	3.2693	4.6761	1.3012	5.701	1.2247	6.0817	1.14399

S/R= 32.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7900	1.7513	3.3032	4.6830	1.3053	5.762	1.2314	6.0999	1.14567
8000	1.7770	3.3367	4.6898	1.3084	5.822	1.2382	6.1188	1.14734
8100	1.8024	3.3701	4.6965	1.3117	5.882	1.2454	6.1380	1.14899
8200	1.8275	3.4030	4.7032	1.3155	5.944	1.2527	6.1575	1.15062
8300	1.8524	3.4358	4.7099	1.3196	6.008	1.2603	6.1774	1.15225
8400	1.8770	3.4683	4.7165	1.3233	6.071	1.2681	6.1980	1.15389
8500	1.9013	3.5005	4.7231	1.3269	6.135	1.2763	6.2190	1.15550
8600	1.9255	3.5327	4.7297	1.3322	6.204	1.2847	6.2404	1.15709
8700	1.9492	3.5643	4.7362	1.3380	6.275	1.2934	6.2621	1.15867
8800	1.9726	3.5957	4.7428	1.3429	6.344	1.3025	6.2845	1.16027
8900	1.9957	3.6268	4.7492	1.3476	6.414	1.3118	6.3072	1.16182
9000	2.0187	3.6578	4.7557	1.3530	6.487	1.3214	6.3304	1.16337
9100	2.0413	3.6884	4.7621	1.3586	6.561	1.3314	6.3541	1.16494
9200	2.0636	3.7189	4.7685	1.3637	6.634	1.3416	6.3783	1.16647
9300	2.0857	3.7490	4.7748	1.3694	6.710	1.3521	6.4025	1.16795
9400	2.1074	3.7789	4.7812	1.3749	6.787	1.3630	6.4275	1.16946
9500	2.1290	3.8085	4.7875	1.3803	6.864	1.3741	6.4527	1.17092
9600	2.1502	3.8380	4.7937	1.3866	6.945	1.3855	6.4784	1.17238
9700	2.1711	3.8670	4.8000	1.3923	7.025	1.3972	6.5044	1.17382
9800	2.1919	3.8959	4.8062	1.3946	7.097	1.4092	6.5309	1.17524

S/R= 32.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.9126	-5.3490	2.5417	1.4016	0.605	1.0000	3.4806	1.00000
200	-4.1631	-4.2985	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-3.7239	-3.5832	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-3.4100	-3.2443	3.1455	1.3950	1.208	1.0000	3.4952	1.00000
500	-3.1623	-2.8997	3.2440	1.3869	1.347	1.0000	3.5074	1.00000
600	-2.9548	-2.6130	3.3256	1.3759	1.469	1.0000	3.5270	1.00000
700	-2.7735	-2.3648	3.3955	1.3651	1.581	1.0000	3.5516	1.00000
800	-2.6126	-2.1459	3.4572	1.3550	1.684	1.0000	3.5817	1.00000
900	-2.4655	-1.9474	3.5121	1.3451	1.779	1.0000	3.6129	1.00000
1000	-2.3310	-1.7671	3.5619	1.3367	1.870	1.0000	3.6467	1.00000
1100	-2.2065	-1.5013	3.6071	1.3282	1.955	1.0000	3.6791	1.00000
1200	-2.0898	-1.4467	3.6488	1.3217	2.037	1.0000	3.7122	1.00000
1300	-1.9809	-1.3031	3.6874	1.3163	2.115	1.0000	3.7452	1.00000
1400	-1.8781	-1.1681	3.7234	1.3094	2.189	1.0000	3.7777	1.00000
1500	-1.7800	-1.0401	3.7570	1.3033	2.261	1.0000	3.8097	1.00000
1600	-1.6868	-0.9189	3.7887	1.2981	2.331	1.0000	3.8422	1.00001
1700	-1.5976	-0.8033	3.8187	1.2921	2.397	1.0001	3.8746	1.00002
1800	-1.5117	-0.6925	3.8471	1.2858	2.460	1.0001	3.9069	1.00006
1900	-1.4284	-0.5857	3.8743	1.2791	2.521	1.0002	3.9408	1.00012
2000	-1.3473	-0.4823	3.9005	1.2716	2.579	1.0003	3.9761	1.00025
2100	-1.2678	-0.3815	3.9257	1.2635	2.635	1.0006	4.0132	1.00048
2200	-1.1893	-0.2826	3.9503	1.2548	2.688	1.0009	4.0541	1.00083
2300	-1.1112	-0.1849	3.9743	1.2456	2.739	1.0015	4.0976	1.00136
2400	-1.0330	-0.0880	3.9978	1.2361	2.788	1.0022	4.1457	1.00212
2500	-0.9544	0.0088	4.0211	1.2269	2.837	1.0033	4.1992	1.00314
2600	-0.8752	0.1056	4.0441	1.2184	2.885	1.0047	4.2573	1.00448
2700	-0.7953	0.2027	4.0668	1.2105	2.933	1.0064	4.3198	1.00617
2800	-0.7145	0.3002	4.0894	1.2037	2.981	1.0085	4.3879	1.00820
2900	-0.6333	0.3977	4.1117	1.1968	3.029	1.0109	4.4594	1.01060
3000	-0.5508	0.4961	4.1338	1.1923	3.079	1.0137	4.5361	1.01332
3100	-0.4695	0.5930	4.1553	1.1902	3.132	1.0169	4.6130	1.01637



S/R= 32.4

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3200	-0.3887	0.6890	4.1763	1.1881	3.185	1.0203	4.6902	1.01970
3300	-0.3089	0.7838	4.1968	1.1866	3.238	1.0240	4.7577	1.02328
3400	-0.2303	0.8770	4.2168	1.1856	3.292	1.0279	4.8448	1.02705
3500	-0.1534	0.9682	4.2360	1.1850	3.346	1.0320	4.9194	1.03098
3600	-0.0781	1.0574	4.2546	1.1856	3.401	1.0363	4.9925	1.03503
3700	-0.0050	1.1441	4.2725	1.1876	3.458	1.0406	5.0620	1.03916
3800	0.0660	1.2285	4.2899	1.1898	3.515	1.0451	5.1295	1.04332
3900	0.1349	1.3106	4.3065	1.1920	3.572	1.0496	5.1931	1.04750
4000	0.2014	1.3899	4.3224	1.1949	3.630	1.0540	5.2526	1.05167
4100	0.2654	1.4665	4.3378	1.1981	3.688	1.0586	5.3087	1.05581
4200	0.3271	1.5405	4.3525	1.2015	3.745	1.0631	5.3606	1.05989
4300	0.3864	1.6119	4.3666	1.2044	3.802	1.0676	5.4096	1.06389
4400	0.4438	1.6810	4.3802	1.2060	3.857	1.0720	5.4546	1.06780
4500	0.4995	1.7483	4.3934	1.2082	3.912	1.0764	5.4984	1.07158
4600	0.5532	1.8132	4.4061	1.2130	3.971	1.0806	5.5381	1.07526
4700	0.6043	1.8754	4.4182	1.2183	4.031	1.0849	5.5734	1.07885
4800	0.6533	1.9352	4.4299	1.2225	4.088	1.0891	5.6055	1.08236
4900	0.7006	1.9931	4.4411	1.2185	4.131	1.0932	5.6353	1.08574
5000	0.7492	2.0520	4.4525	1.2199	4.183	1.0972	5.6698	1.08860
5100	0.7939	2.1069	4.4631	1.2316	4.253	1.1012	5.6961	1.08940
5200	0.8363	2.1593	4.4733	1.2399	4.317	1.1052	5.7185	1.09912
5300	0.8767	2.2095	4.4830	1.2465	4.377	1.1092	5.7377	1.09769
5400	0.9155	2.2581	4.4924	1.2518	4.436	1.1132	5.7544	1.10057
5500	0.9529	2.3050	4.5015	1.2535	4.488	1.1172	5.7595	1.10336
5600	0.9900	2.3514	4.5105	1.2482	4.527	1.1211	5.7851	1.10605
5700	1.0276	2.3981	4.5195	1.2403	4.560	1.1250	5.8030	1.10851
5800	1.0656	2.4452	4.5287	1.2312	4.591	1.1287	5.8244	1.11077
5900	1.1048	2.4933	4.5380	1.2210	4.619	1.1325	5.8496	1.11280
6000	1.1453	2.5425	4.5475	1.2727	4.763	1.1362	5.8793	1.11459
6100	1.1697	2.5759	4.5539	1.3058	4.873	1.1401	5.8688	1.11752
6200	1.2025	2.6172	4.5619	1.2612	4.837	1.1441	5.8824	1.11966
6300	1.2349	2.6580	4.5699	1.2618	4.885	1.1481	5.8960	1.12178
6400	1.2668	2.6983	4.5777	1.2632	4.935	1.1521	5.9092	1.12381
6500	1.2981	2.7379	4.5854	1.2658	4.988	1.1562	5.9227	1.12582
6600	1.3289	2.7769	4.5931	1.2676	5.039	1.1604	5.9364	1.12780
6700	1.3592	2.8153	4.6006	1.2683	5.087	1.1647	5.9501	1.12973
6800	1.3893	2.8535	4.6081	1.2700	5.138	1.1692	5.9540	1.13162
6900	1.4188	2.8910	4.6154	1.2714	5.189	1.1737	5.9783	1.13350
7000	1.4481	2.9283	4.6227	1.2734	5.241	1.1783	5.9928	1.13535
7100	1.4768	2.9649	4.6300	1.2758	5.294	1.1831	6.0077	1.13720
7200	1.5054	3.0014	4.6371	1.2772	5.345	1.1880	6.0230	1.13901
7300	1.5336	3.0374	4.6443	1.2787	5.397	1.1931	6.0387	1.14083
7400	1.5616	3.0733	4.6513	1.2804	5.449	1.1983	6.0548	1.14261
7500	1.5892	3.1087	4.6583	1.2830	5.504	1.2038	6.0712	1.14436
7600	1.6166	3.1438	4.6653	1.2858	5.559	1.2094	6.0882	1.14613
7700	1.6436	3.1785	4.6722	1.2881	5.614	1.2151	6.1057	1.14791
7800	1.6704	3.2131	4.6791	1.2906	5.670	1.2212	6.1234	1.14966
7900	1.6968	3.2473	4.6859	1.2943	5.729	1.2274	6.1418	1.15140
8000	1.7230	3.2812	4.6927	1.2972	5.786	1.2338	6.1607	1.15314
8100	1.7489	3.3149	4.6995	1.3003	5.845	1.2405	6.1800	1.15487
8200	1.7745	3.3482	4.7062	1.3042	5.906	1.2474	6.1997	1.15658
8300	1.7998	3.3813	4.7129	1.3076	5.967	1.2546	6.2198	1.15829
8400	1.8249	3.4141	4.7195	1.3107	6.028	1.2620	6.2403	1.16000
8500	1.8498	3.4467	4.7261	1.3139	6.089	1.2696	6.2614	1.16169
8600	1.8745	3.4792	4.7326	1.3188	6.155	1.2775	6.2827	1.16337

S/R= 32.4

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8700	1.8987	3.5112	4.7392	1.3241	6.223	1.2857	6.3043	1.16503
8800	1.9226	3.5429	4.7457	1.3287	6.291	1.2942	6.3267	1.16672
8900	1.9462	3.5744	4.7521	1.3332	6.358	1.3029	6.3494	1.16835
9000	1.9697	3.6057	4.7585	1.3382	6.428	1.3120	6.3723	1.16999
9100	1.9928	3.6367	4.7649	1.3436	6.500	1.3214	6.3960	1.17165
9200	2.0156	3.6675	4.7713	1.3485	6.571	1.3310	6.4200	1.17327
9300	2.0382	3.6979	4.7775	1.3541	6.645	1.3410	6.4440	1.17483
9400	2.0604	3.7281	4.7840	1.3595	6.720	1.3512	6.4588	1.17643
9500	2.0825	3.7581	4.7902	1.3646	6.794	1.3618	6.4939	1.17798
9600	2.1042	3.7878	4.7965	1.3710	6.873	1.3726	6.5194	1.17953
9700	2.1256	3.8172	4.8027	1.3769	6.952	1.3837	6.5451	1.18107
9800	2.1467	3.8464	4.8089	1.3819	7.029	1.3952	6.5714	1.18258
9900	2.1676	3.8754	4.8150	1.3870	7.107	1.4069	6.5977	1.18406
10000	2.1883	3.9041	4.8211	1.3894	7.180	1.4188	6.6244	1.18549

S/R= 32.6

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.9996	-5.4359	2.5417	1.4016	0.605	1.0000	3.4806	1.00000
200	-4.2500	-4.3854	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-3.8108	-3.7701	3.0198	1.3998	1.048	1.0000	3.4891	1.00000
400	-3.4969	-3.3313	3.1455	1.3948	1.208	1.0000	3.4952	1.00000
500	-3.2490	-2.9864	3.2440	1.3868	1.347	1.0000	3.5074	1.00000
600	-3.0416	-2.6999	3.3256	1.3761	1.469	1.0000	3.5270	1.00000
700	-2.8604	-2.4517	3.3955	1.3650	1.581	1.0000	3.5516	1.00000
800	-2.6993	-2.2327	3.4572	1.3544	1.683	1.0000	3.5817	1.00000
900	-2.5522	-2.0343	3.5121	1.3451	1.779	1.0000	3.6129	1.00000
1000	-2.4178	-1.8540	3.5619	1.3371	1.870	1.0000	3.6467	1.00000
1100	-2.2933	-1.6880	3.6071	1.3283	1.955	1.0000	3.6791	1.00000
1200	-2.1765	-1.5335	3.6488	1.3217	2.037	1.0000	3.7122	1.00000
1300	-2.0676	-1.3898	3.6874	1.3162	2.115	1.0000	3.7452	1.00000
1400	-1.9649	-1.2549	3.7234	1.3095	2.190	1.0000	3.7778	1.00000
1500	-1.8669	-1.1269	3.7570	1.3034	2.261	1.0000	3.8097	1.00000
1600	-1.7737	-1.0057	3.7887	1.2980	2.330	1.0000	3.8422	1.00001
1700	-1.6844	-0.8901	3.8187	1.2920	2.397	1.0001	3.8747	1.00002
1800	-1.5984	-0.7792	3.8471	1.2855	2.460	1.0001	3.9072	1.00007
1900	-1.5151	-0.6724	3.8744	1.2786	2.521	1.0002	3.9412	1.00014
2000	-1.4338	-0.5688	3.9006	1.2709	2.579	1.0003	3.9770	1.00028
2100	-1.3540	-0.4677	3.9259	1.2625	2.634	1.0006	4.0146	1.00053
2200	-1.2750	-0.3683	3.9506	1.2534	2.687	1.0010	4.0565	1.00091
2300	-1.1963	-0.2701	3.9747	1.2438	2.737	1.0016	4.1013	1.00150
2400	-1.1174	-0.1723	3.9984	1.2339	2.786	1.0024	4.1511	1.00233
2500	-1.0378	-0.0745	4.0219	1.2244	2.834	1.0036	4.2068	1.00345
2600	-0.9574	0.0236	4.0452	1.2156	2.882	1.0051	4.2676	1.00492
2700	-0.8760	0.1222	4.0682	1.2076	2.930	1.0069	4.3330	1.00676
2800	-0.7938	0.2212	4.0911	1.2007	2.979	1.0092	4.4045	1.00897
2900	-0.7110	0.3204	4.1136	1.1939	3.027	1.0118	4.4794	1.01156
3000	-0.6268	0.4205	4.1361	1.1896	3.077	1.0148	4.5596	1.01449
3100	-0.5439	0.5192	4.1579	1.1876	3.131	1.0182	4.6400	1.01777
3200	-0.4615	0.6169	4.1792	1.1855	3.184	1.0218	4.7206	1.02133
3300	-0.3802	0.7133	4.1999	1.1844	3.238	1.0257	4.8013	1.02514
3400	-0.3001	0.8080	4.2200	1.1839	3.293	1.0299	4.8814	1.02914
3500	-0.2219	0.9006	4.2394	1.1837	3.347	1.0342	4.9585	1.03329
3600	-0.1454	0.9911	4.2582	1.1839	3.402	1.0386	5.0340	1.03756
3700	-0.0713	1.0790	4.2762	1.1854	3.459	1.0432	5.1055	1.04189

S/R= 32.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3800	0.0006	1.1643	4.2937	1.1877	3.517	1.0478	5.1745	1.04625
3900	0.0703	1.2471	4.3104	1.1906	3.575	1.0524	5.2396	1.05062
4000	0.1375	1.3272	4.3264	1.1936	3.633	1.0570	5.3003	1.05496
4100	0.2022	1.4045	4.3417	1.1969	3.691	1.0616	5.3573	1.05926
4200	0.2644	1.4791	4.3565	1.2003	3.749	1.0662	5.4103	1.06348
4300	0.3241	1.5509	4.3706	1.2035	3.807	1.0708	5.4594	1.06762
4400	0.3818	1.6203	4.3842	1.2053	3.862	1.0753	5.5046	1.07166
4500	0.4378	1.6879	4.3974	1.2075	3.917	1.0797	5.5484	1.07555
4600	0.4916	1.7530	4.4100	1.2122	3.976	1.0840	5.5879	1.07933
4700	0.5429	1.8153	4.4221	1.2176	4.035	1.0883	5.6231	1.08302
4800	0.5920	1.8752	4.4337	1.2217	4.093	1.0925	5.6549	1.08661
4900	0.6394	1.9332	4.4449	1.2177	4.136	1.0966	5.6844	1.09006
5000	0.6880	1.9921	4.4562	1.2191	4.188	1.1004	5.7183	1.09297
5100	0.7328	2.0471	4.4668	1.2306	4.257	1.1044	5.7441	1.09670
5200	0.7753	2.0995	4.4769	1.2386	4.320	1.1083	5.7661	1.08852
5300	0.8157	2.1498	4.4866	1.2450	4.381	1.1122	5.7849	1.10221
5400	0.8547	2.1984	4.4959	1.2502	4.439	1.1161	5.8012	1.10514
5500	0.8921	2.2453	4.5050	1.2518	4.490	1.1200	5.8158	1.10797
5600	0.9293	2.2917	4.5139	1.2465	4.529	1.1238	5.8307	1.11069
5700	0.9669	2.3384	4.5229	1.2385	4.562	1.1275	5.8482	1.11318
5800	1.0050	2.3855	4.5323	1.2290	4.592	1.1312	5.8690	1.11547
5900	1.0443	2.4336	4.5413	1.2183	4.618	1.1347	5.8939	1.11753
6000	1.0848	2.4828	4.5507	1.2698	4.762	1.1382	5.9233	1.11936
6100	1.1094	2.5163	4.5571	1.3024	4.871	1.1421	5.9122	1.12232
6200	1.1424	2.5578	4.5651	1.2576	4.834	1.1458	5.9256	1.12449
6300	1.1749	2.5987	4.5731	1.2580	4.881	1.1496	5.9389	1.12664
6400	1.2070	2.6391	4.5808	1.2589	4.930	1.1535	5.9520	1.12871
6500	1.2386	2.6788	4.5886	1.2610	4.981	1.1574	5.9654	1.13075
6600	1.2696	2.7180	4.5962	1.2623	5.030	1.1614	5.9789	1.13277
6700	1.3002	2.7566	4.6037	1.2627	5.078	1.1654	5.9926	1.13475
6800	1.3306	2.7950	4.6111	1.2642	5.128	1.1696	6.0065	1.13668
6900	1.3604	2.8327	4.6185	1.2657	5.178	1.1739	6.0208	1.13861
7000	1.3901	2.8703	4.6258	1.2672	5.228	1.1783	6.0354	1.14051
7100	1.4192	2.9072	4.6330	1.2687	5.278	1.1828	6.0505	1.14241
7200	1.4481	2.9439	4.6402	1.2696	5.328	1.1874	6.0658	1.14428
7300	1.4767	2.9802	4.6473	1.2708	5.378	1.1922	6.0816	1.14616
7400	1.5051	3.0164	4.6544	1.2723	5.429	1.1972	6.0979	1.14800
7500	1.5332	3.0521	4.6614	1.2747	5.482	1.2022	6.1144	1.14981
7600	1.5610	3.0876	4.6684	1.2775	5.537	1.2076	6.1317	1.15165
7700	1.5884	3.1226	4.6753	1.2793	5.590	1.2130	6.1495	1.15350
7800	1.6157	3.1575	4.6822	1.2812	5.643	1.2187	6.1674	1.15532
7900	1.6426	3.1921	4.6890	1.2842	5.700	1.2246	6.1859	1.15714
8000	1.6692	3.2263	4.6958	1.2867	5.755	1.2306	6.2050	1.15896
8100	1.6957	3.2603	4.7026	1.2897	5.813	1.2369	6.2244	1.16076
8200	1.7217	3.2940	4.7093	1.2933	5.872	1.2434	6.2442	1.16255
8300	1.7476	3.3274	4.7160	1.2966	5.931	1.2501	6.2644	1.16434
8400	1.7731	3.3606	4.7225	1.2997	5.991	1.2571	6.2853	1.16614
8500	1.7985	3.3936	4.7292	1.3023	6.050	1.2644	6.3065	1.16792
8600	1.8236	3.4264	4.7358	1.3066	6.113	1.2719	6.3279	1.16968
8700	1.8483	3.4588	4.7423	1.3115	6.179	1.2795	6.3496	1.17143
8800	1.8728	3.4909	4.7488	1.3157	6.243	1.2875	6.3719	1.17319
8900	1.8969	3.5227	4.7552	1.3198	6.309	1.2957	6.3947	1.17492
9000	1.9209	3.5544	4.7616	1.3246	6.376	1.3043	6.4176	1.17665
9100	1.9445	3.5857	4.7680	1.3295	6.446	1.3131	6.4412	1.17839
9200	1.9678	3.6168	4.7744	1.3344	6.515	1.3223	6.4651	1.18010

S/R= 32.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9300	1.9909	3.6476	4.7807	1.3398	6.587	1.3316	6.4893	1.18176
9400	2.0136	3.6781	4.7870	1.3448	6.659	1.3413	6.5137	1.18344
9500	2.0361	3.7084	4.7932	1.3499	6.732	1.3513	6.5386	1.18509
9600	2.0583	3.7385	4.7994	1.3561	6.808	1.3616	6.5640	1.18673
9700	2.0802	3.7682	4.8055	1.3620	6.885	1.3722	6.5896	1.18836
9800	2.1018	3.7977	4.8118	1.3670	6.961	1.3831	6.6155	1.18996
9900	2.1231	3.8269	4.8179	1.3720	7.037	1.3942	6.6417	1.19153
10000	2.1442	3.8559	4.8240	1.3770	7.114	1.4056	6.6681	1.19307
10100	2.1651	3.8847	4.8301	1.3827	7.194	1.4173	6.6949	1.19458
10200	2.1856	3.9132	4.8361	1.3858	7.268	1.4292	6.7219	1.19607

S/R= 32.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.0863	-5.5227	2.5416	1.4017	0.605	1.0000	3.4806	1.00000
200	-4.3370	-4.4723	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-3.8976	-3.8569	3.1198	1.3998	1.048	1.0000	3.4891	1.00000
400	-3.5839	-3.4183	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-3.3358	-3.0732	3.2440	1.3866	1.346	1.0000	3.5074	1.00000
600	-3.1284	-2.7867	3.3256	1.3763	1.469	1.0000	3.5270	1.00000
700	-2.9474	-2.5387	3.3955	1.3650	1.581	1.0000	3.5516	1.00000
800	-2.7861	-2.3194	3.4572	1.3540	1.683	1.0000	3.5817	1.00000
900	-2.6391	-2.1213	3.5121	1.3449	1.779	1.0000	3.6129	1.00000
1000	-2.5048	-1.9411	3.5619	1.3373	1.870	1.0000	3.6467	1.00000
1100	-2.3800	-1.7748	3.6071	1.3287	1.955	1.0000	3.6791	1.00000
1200	-2.2635	-1.6205	3.6488	1.3218	2.037	1.0000	3.7122	1.00000
1300	-2.1544	-1.4766	3.6874	1.3160	2.115	1.0000	3.7452	1.00000
1400	-2.0516	-1.3416	3.7234	1.3097	2.190	1.0000	3.7778	1.00000
1500	-1.9537	-1.2138	3.7570	1.3036	2.261	1.0000	3.8097	1.00000
1600	-1.8605	-1.0925	3.7887	1.2980	2.330	1.0000	3.8423	1.00001
1700	-1.7712	-0.9769	3.8187	1.2918	2.396	1.0000	3.8749	1.00003
1800	-1.6852	-0.8660	3.8472	1.2853	2.460	1.0001	3.9074	1.00007
1900	-1.6017	-0.7590	3.8744	1.2781	2.520	1.0002	3.9417	1.00016
2000	-1.5202	-0.6552	3.9007	1.2702	2.578	1.0004	3.9779	1.00031
2100	-1.4401	-0.5538	3.9260	1.2614	2.633	1.0006	4.0162	1.00059
2200	-1.3607	-0.4539	3.9509	1.2518	2.685	1.0011	4.0591	1.00101
2300	-1.2813	-0.3550	3.9751	1.2418	2.735	1.0017	4.1054	1.00166
2400	-1.2015	-0.2563	3.9990	1.2315	2.784	1.0027	4.1571	1.00256
2500	-1.1209	-0.1574	4.0228	1.2217	2.832	1.0039	4.2152	1.00380
2600	-1.0391	-0.0579	4.0463	1.2127	2.879	1.0055	4.2788	1.00540
2700	-0.9563	0.0422	4.0696	1.2046	2.927	1.0076	4.3475	1.00740
2800	-0.8724	0.1429	4.0928	1.1978	2.976	1.0100	4.4224	1.00980
2900	-0.7879	0.2439	4.1157	1.1911	3.025	1.0128	4.5011	1.01260
3000	-0.7021	0.3458	4.1385	1.1869	3.076	1.0160	4.5849	1.01576
3100	-0.6174	0.4462	4.1606	1.1849	3.130	1.0196	4.6690	1.01926
3200	-0.5334	0.5457	4.1821	1.1831	3.183	1.0235	4.7531	1.02306
3300	-0.4505	0.6437	4.2031	1.1821	3.238	1.0276	4.8369	1.02710
3400	-0.3691	0.7400	4.2234	1.1820	3.293	1.0320	4.9199	1.03134
3500	-0.2895	0.8340	4.2430	1.1824	3.349	1.0365	4.9997	1.03572
3600	-0.2119	0.9258	4.2619	1.1828	3.405	1.0411	5.0774	1.04020
3700	-0.1367	1.0148	4.2801	1.1838	3.461	1.0458	5.1509	1.04474
3800	-0.0639	1.1010	4.2976	1.1858	3.518	1.0506	5.2216	1.04930
3900	0.0065	1.1846	4.3143	1.1888	3.577	1.0554	5.2878	1.05385
4000	0.0744	1.2654	4.3304	1.1923	3.636	1.0601	5.3495	1.05836
4100	0.1397	1.3433	4.3458	1.1958	3.695	1.0649	5.4075	1.06281

S/R= 32.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4200	0.2024	1.4184	4.3605	1.1994	3.754	1.0696	5.4509	1.06718
4300	0.2625	1.4906	4.3747	1.2027	3.812	1.0742	5.5107	1.07144
4400	0.3204	1.5604	4.3882	1.2049	3.867	1.0788	5.5560	1.07560
4500	0.3766	1.5281	4.4014	1.2072	3.923	1.0832	5.5996	1.07960
4600	0.4305	1.6933	4.4139	1.2116	3.981	1.0876	5.6388	1.08348
4700	0.4820	1.7558	4.4260	1.2169	4.041	1.0918	5.6737	1.08725
4800	0.5312	1.8158	4.4375	1.2211	4.099	1.0960	5.7052	1.09092
4900	0.5787	1.8739	4.4487	1.2172	4.142	1.1001	5.7343	1.09443
5000	0.6272	1.9327	4.4600	1.2186	4.194	1.1039	5.7676	1.09739
5100	0.6721	1.9877	4.4705	1.2297	4.262	1.1078	5.7927	1.104014
5200	0.7146	2.0401	4.4805	1.2374	4.325	1.1116	5.8143	1.106231
5300	0.7551	2.0904	4.4901	1.2437	4.385	1.1155	5.8326	1.10676
5400	0.7941	2.1390	4.4994	1.2488	4.443	1.1193	5.8485	1.10973
5500	0.8316	2.1860	4.5085	1.2503	4.494	1.1231	5.8626	1.11258
5600	0.8687	2.2324	4.5173	1.2451	4.533	1.1268	5.8769	1.11533
5700	0.9064	2.2791	4.5263	1.2369	4.565	1.1304	5.8938	1.11785
5800	0.9446	2.3261	4.5353	1.2273	4.594	1.1339	5.9141	1.12017
5900	0.9839	2.3742	4.5445	1.2162	4.620	1.1373	5.9385	1.12226
6000	1.0245	2.4234	4.5539	1.2671	4.762	1.1406	5.9572	1.12411
6100	1.0493	2.4570	4.5603	1.2990	4.870	1.1444	5.9562	1.12710
6200	1.0824	2.4986	4.5683	1.2542	4.832	1.1480	5.9593	1.12930
6300	1.1151	2.5396	4.5762	1.2543	4.878	1.1516	5.9825	1.13149
6400	1.1475	2.5802	4.5840	1.2551	4.926	1.1553	5.9954	1.13359
6500	1.1792	2.6201	4.5917	1.2568	4.976	1.1590	6.0089	1.13566
6600	1.2105	2.6594	4.5993	1.2576	5.024	1.1628	6.0224	1.13773
6700	1.2414	2.6983	4.6068	1.2575	5.070	1.1667	6.0360	1.13974
6800	1.2721	2.7369	4.6143	1.2587	5.119	1.1706	6.0499	1.14172
6900	1.3023	2.7749	4.6216	1.2598	5.167	1.1747	6.0643	1.14370
7000	1.3323	2.8127	4.6289	1.2612	5.217	1.1788	6.0791	1.14565
7100	1.3617	2.8499	4.6362	1.2626	5.267	1.1831	6.0944	1.14761
7200	1.3910	2.8869	4.6434	1.2631	5.314	1.1876	6.1101	1.14953
7300	1.4201	2.9236	4.6505	1.2638	5.363	1.1921	6.1262	1.15148
7400	1.4489	2.9600	4.6576	1.2646	5.412	1.1968	6.1426	1.15338
7500	1.4774	2.9961	4.6646	1.2667	5.464	1.2016	6.1594	1.15526
7600	1.5057	3.0319	4.6716	1.2693	5.517	1.2066	6.1769	1.15717
7700	1.5335	3.0673	4.6785	1.2712	5.569	1.2118	6.1949	1.15909
7800	1.5612	3.1025	4.6854	1.2730	5.622	1.2172	6.2132	1.16098
7900	1.5886	3.1375	4.6923	1.2756	5.676	1.2228	6.2321	1.16288
8000	1.6157	3.1721	4.6991	1.2774	5.730	1.2285	6.2515	1.16478
8100	1.6426	3.2064	4.7058	1.2798	5.785	1.2344	6.2711	1.16666
8200	1.6692	3.2405	4.7126	1.2831	5.842	1.2405	6.2912	1.16853
8300	1.6955	3.2743	4.7192	1.2861	5.900	1.2469	6.3116	1.17040
8400	1.7216	3.3079	4.7259	1.2890	5.957	1.2535	6.3327	1.17229
8500	1.7474	3.3412	4.7325	1.2917	6.016	1.2604	6.3541	1.17415
8600	1.7731	3.3744	4.7390	1.2960	6.078	1.2675	6.3757	1.17600
8700	1.7983	3.4071	4.7455	1.3003	6.141	1.2748	6.3976	1.17784
8800	1.8232	3.4395	4.7520	1.3037	6.202	1.2823	6.4201	1.17969
8900	1.8478	3.4717	4.7585	1.3075	6.266	1.2901	6.4430	1.18151
9000	1.8723	3.5037	4.7649	1.3121	6.331	1.2982	6.4659	1.18333
9100	1.8964	3.5354	4.7713	1.3167	6.398	1.3065	6.4896	1.18517
9200	1.9202	3.5669	4.7776	1.3211	6.465	1.3152	6.5135	1.18697
9300	1.9438	3.5980	4.7839	1.3263	6.535	1.3240	6.5373	1.18872
9400	1.9670	3.6289	4.7902	1.3312	6.605	1.3332	6.5619	1.19050
9500	1.9900	3.6595	4.7964	1.3360	6.676	1.3427	6.5867	1.19224
9600	2.0127	3.6899	4.8026	1.3421	6.750	1.3524	6.6120	1.19397

S/R= 32.8

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9700	2.0350	3.7199	4.8088	1.3478	6.825	1.3624	6.6374	1.19569
9800	2.0577	3.7497	4.8149	1.3528	6.899	1.3728	6.6632	1.19739
9900	2.0788	3.7792	4.8210	1.3578	6.973	1.3834	6.6892	1.19906
10000	2.1003	3.8085	4.8271	1.3629	7.049	1.3943	6.7153	1.20068
10100	2.1216	3.8376	4.8331	1.3686	7.128	1.4054	6.7420	1.20229
10200	2.1426	3.8663	4.8391	1.3744	7.207	1.4168	6.7687	1.20388
10300	2.1633	3.8949	4.8451	1.3792	7.285	1.4285	6.7960	1.20547
10400	2.1838	3.9232	4.8510	1.3813	7.356	1.4404	6.8234	1.20700

S/R= 33.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.1731	-5.5095	2.5417	1.4018	0.605	1.0000	3.4806	1.00000
200	-4.4239	-4.5592	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-3.9844	-3.9437	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-3.6707	-3.5051	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-3.4226	-3.1600	3.2440	1.3865	1.346	1.0000	3.5074	1.00000
600	-3.2152	-2.8735	3.3256	1.3763	1.469	1.0000	3.5270	1.00000
700	-3.0343	-2.6256	3.3955	1.3652	1.581	1.0000	3.5516	1.00000
800	-2.8730	-2.4063	3.4572	1.3541	1.683	1.0000	3.5817	1.00000
900	-2.7261	-2.2083	3.5121	1.3445	1.779	1.0000	3.6129	1.00000
1000	-2.5917	-2.0281	3.5619	1.3372	1.870	1.0000	3.6467	1.00000
1100	-2.4669	-1.8617	3.6071	1.3292	1.955	1.0000	3.6791	1.00000
1200	-2.3505	-1.7074	3.6488	1.3217	2.037	1.0000	3.7122	1.00000
1300	-2.2413	-1.5635	3.6874	1.3156	2.115	1.0000	3.7452	1.00000
1400	-2.1384	-1.4284	3.7234	1.3097	2.190	1.0000	3.7778	1.00000
1500	-2.0406	-1.3006	3.7570	1.3037	2.261	1.0000	3.8097	1.00000
1600	-1.9474	-1.1794	3.7887	1.2979	2.330	1.0000	3.8423	1.00001
1700	-1.8580	-1.0637	3.8187	1.2917	2.396	1.0000	3.8750	1.00003
1800	-1.7719	-0.9527	3.8472	1.2849	2.459	1.0001	3.9076	1.00008
1900	-1.6883	-0.8456	3.8745	1.2776	2.520	1.0002	3.9422	1.00018
2000	-1.6066	-0.7416	3.9008	1.2694	2.577	1.0004	3.9789	1.00035
2100	-1.5262	-0.6398	3.9262	1.2601	2.632	1.0007	4.0180	1.00065
2200	-1.4462	-0.5394	3.9512	1.2502	2.683	1.0012	4.0520	1.00112
2300	-1.3662	-0.4398	3.9755	1.2397	2.733	1.0019	4.1099	1.00183
2400	-1.2854	-0.3401	3.9997	1.2291	2.781	1.0029	4.1537	1.00283
2500	-1.2036	-0.2399	4.0237	1.2189	2.829	1.0043	4.2244	1.00418
2600	-1.1204	-0.1390	4.0475	1.2097	2.876	1.0060	4.2910	1.00593
2700	-1.0360	-0.0372	4.0712	1.2016	2.925	1.0082	4.3532	1.00810
2800	-0.9504	0.0653	4.0947	1.1947	2.974	1.0109	4.4418	1.01070
2900	-0.8641	0.1681	4.1180	1.1882	3.023	1.0139	4.5244	1.01371
3000	-0.7765	0.2719	4.1410	1.1842	3.074	1.0174	4.6120	1.01711
3100	-0.6901	0.3742	4.1634	1.1824	3.129	1.0212	4.6998	1.02086
3200	-0.6044	0.4755	4.1853	1.1807	3.183	1.0253	4.7874	1.02489
3300	-0.5199	0.5751	4.2064	1.1799	3.238	1.0296	4.8745	1.02918
3400	-0.4370	0.6729	4.2270	1.1799	3.294	1.0342	4.9604	1.03366
3500	-0.3562	0.7684	4.2467	1.1807	3.351	1.0389	5.0428	1.03826
3600	-0.2774	0.8614	4.2659	1.1819	3.408	1.0438	5.1228	1.04296
3700	-0.2012	0.9515	4.2841	1.1829	3.464	1.0487	5.1982	1.04770
3800	-0.1275	1.0387	4.3016	1.1845	3.521	1.0536	5.2704	1.05246
3900	-0.0564	1.1230	4.3184	1.1873	3.580	1.0585	5.3379	1.05719
4000	0.0121	1.2044	4.3345	1.1908	3.640	1.0634	5.4005	1.06186
4100	0.0779	1.2829	4.3499	1.1947	3.699	1.0683	5.4592	1.06647
4200	0.1410	1.3585	4.3646	1.1986	3.758	1.0731	5.5131	1.07097
4300	0.2015	1.4311	4.3788	1.2022	3.817	1.0778	5.5631	1.07536

S/R= 33.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4400	0.2597	1.5011	4.3923	1.2045	3.873	1.0824	5.6084	1.07963
4500	0.3159	1.5689	4.4054	1.2070	3.929	1.0869	5.6517	1.08374
4600	0.3700	1.6342	4.4179	1.2113	3.988	1.0912	5.6906	1.08770
4700	0.4215	1.6968	4.4299	1.2165	4.047	1.0955	5.7252	1.09155
4800	0.4708	1.7569	4.4414	1.2206	4.105	1.0997	5.7562	1.09528
4900	0.5183	1.8150	4.4525	1.2169	4.149	1.1038	5.7848	1.09885
5000	0.5668	1.8737	4.4637	1.2183	4.200	1.1076	5.8174	1.10186
5100	0.6116	1.9286	4.4741	1.2291	4.268	1.1114	5.8419	1.10488
5200	0.6542	1.9811	4.4841	1.2363	4.330	1.1152	5.8629	1.103406
5300	0.6947	2.0314	4.4937	1.2425	4.390	1.1189	5.8808	1.11133
5400	0.7338	2.0800	4.5030	1.2477	4.447	1.1227	5.8961	1.11432
5500	0.7713	2.1269	4.5119	1.2493	4.499	1.1264	5.9097	1.11720
5600	0.8085	2.1733	4.5208	1.2439	4.537	1.1300	5.9236	1.11997
5700	0.8461	2.2200	4.5297	1.2356	4.569	1.1335	5.9399	1.12251
5800	0.8843	2.2670	4.5386	1.2257	4.597	1.1369	5.9595	1.12486
5900	0.9236	2.3150	4.5478	1.2145	4.622	1.1401	5.9833	1.12697
6000	0.9643	2.3542	4.5571	1.2647	4.763	1.1432	6.0115	1.12886
6100	0.9893	2.3980	4.5635	1.2956	4.869	1.1470	6.0007	1.13186
6200	1.0226	2.4397	4.5715	1.2511	4.831	1.1504	6.0135	1.13409
6300	1.0555	2.4809	4.5794	1.2508	4.876	1.1539	6.0265	1.13630
6400	1.0881	2.5216	4.5872	1.2512	4.923	1.1574	6.0394	1.13844
6500	1.1201	2.5617	4.5949	1.2527	4.972	1.1610	6.0528	1.14055
6600	1.1517	2.6013	4.6025	1.2535	5.020	1.1647	6.0664	1.14265
6700	1.1828	2.6403	4.6100	1.2531	5.065	1.1684	6.0802	1.14471
6800	1.2139	2.6792	4.6174	1.2536	5.112	1.1721	6.0944	1.14673
6900	1.2444	2.7175	4.6248	1.2543	5.159	1.1760	6.1090	1.14876
7000	1.2747	2.7556	4.6321	1.2554	5.207	1.1800	6.1239	1.15077
7100	1.3046	2.7931	4.6394	1.2566	5.256	1.1841	6.1395	1.15278
7200	1.3343	2.8304	4.6465	1.2570	5.303	1.1883	6.1554	1.15477
7300	1.3637	2.8674	4.6537	1.2577	5.351	1.1926	6.1720	1.15678
7400	1.3930	2.9042	4.6608	1.2581	5.399	1.1971	6.1889	1.15874
7500	1.4219	2.9406	4.6679	1.2595	5.448	1.2017	6.2060	1.16070
7600	1.4506	2.9768	4.6749	1.2617	5.500	1.2065	6.2239	1.16268
7700	1.4789	3.0125	4.6819	1.2633	5.551	1.2114	6.2422	1.16467
7800	1.5071	3.0482	4.6887	1.2649	5.602	1.2165	6.2609	1.16664
7900	1.5350	3.0835	4.6956	1.2674	5.656	1.2218	6.2801	1.16862
8000	1.5626	3.1184	4.7024	1.2693	5.709	1.2273	6.2999	1.17060
8100	1.5899	3.1532	4.7092	1.2714	5.762	1.2329	6.3201	1.17257
8200	1.6170	3.1876	4.7159	1.2739	5.817	1.2388	6.3404	1.17452
8300	1.6438	3.2218	4.7226	1.2766	5.873	1.2448	6.3612	1.17648
8400	1.6704	3.2558	4.7293	1.2791	5.929	1.2511	6.3825	1.17845
8500	1.6967	3.2895	4.7359	1.2816	5.985	1.2575	6.4042	1.18040
8600	1.7229	3.3231	4.7424	1.2855	6.046	1.2643	6.4261	1.18234
8700	1.7485	3.3561	4.7490	1.2899	6.108	1.2712	6.4482	1.18428
8800	1.7739	3.3889	4.7555	1.2935	6.169	1.2784	6.4710	1.18622
8900	1.7991	3.4215	4.7619	1.2967	6.229	1.2858	6.4941	1.18814
9000	1.8240	3.4538	4.7683	1.3005	6.292	1.2935	6.5172	1.19005
9100	1.8486	3.4859	4.7747	1.3048	6.357	1.3014	6.5409	1.19198
9200	1.8729	3.5177	4.7810	1.3090	6.422	1.3096	6.5649	1.19388
9300	1.8969	3.5492	4.7873	1.3139	6.489	1.3179	6.5887	1.19572
9400	1.9206	3.5804	4.7935	1.3185	6.557	1.3266	6.6133	1.19759
9500	1.9441	3.6114	4.7998	1.3231	6.626	1.3356	6.6381	1.19942
9600	1.9673	3.6421	4.8060	1.3290	6.698	1.3449	6.6632	1.20125
9700	1.9900	3.6724	4.8121	1.3345	6.771	1.3544	6.6885	1.20307
9800	2.0125	3.7025	4.8182	1.3394	6.843	1.3642	6.7143	1.20487

S/R= 33.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9900	2.0348	3.7323	4.8243	1.3443	6.916	1.3743	6.7401	1.20662
10000	2.0567	3.7619	4.8303	1.3493	6.990	1.3847	6.7660	1.20835
10100	2.0784	3.7913	4.8363	1.3551	7.067	1.3953	6.7925	1.21005
10200	2.0998	3.8202	4.8423	1.3609	7.144	1.4062	6.8190	1.21173
10300	2.1209	3.8490	4.8483	1.3657	7.221	1.4174	6.8461	1.21342
10400	2.1418	3.8776	4.8542	1.3713	7.300	1.4288	6.8733	1.21505
10500	2.1622	3.9057	4.8601	1.3761	7.377	1.4404	6.9005	1.21666
10600	2.1827	3.9339	4.8659	1.3774	7.446	1.4523	6.9283	1.21823

S/R= 33.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.2600	-5.6964	2.5417	1.4017	0.605	1.0000	3.4806	1.00000
200	-4.5106	-4.6460	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-4.0713	-4.0306	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-3.7575	-3.5918	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-3.5096	-3.2470	3.2440	1.3867	1.347	1.0000	3.5074	1.00000
600	-3.3022	-2.9604	3.3256	1.3761	1.469	1.0000	3.5270	1.00000
700	-3.1210	-2.7123	3.3955	1.3652	1.581	1.0000	3.5516	1.00000
800	-2.9600	-2.4933	3.4572	1.3544	1.683	1.0000	3.5817	1.00000
900	-2.8130	-2.2952	3.5121	1.3442	1.779	1.0000	3.6129	1.00000
1000	-2.6785	-2.1149	3.5619	1.3371	1.870	1.0000	3.6467	1.00000
1100	-2.5539	-1.9487	3.6071	1.3293	1.955	1.0000	3.6791	1.00000
1200	-2.4372	-1.7942	3.6488	1.3217	2.037	1.0000	3.7122	1.00000
1300	-2.3283	-1.6505	3.6874	1.3157	2.115	1.0000	3.7452	1.00000
1400	-2.2252	-1.5152	3.7234	1.3095	2.190	1.0000	3.7778	1.00000
1500	-2.1274	-1.3875	3.7570	1.3037	2.261	1.0000	3.8097	1.00000
1600	-2.0342	-1.2662	3.7887	1.2978	2.330	1.0000	3.8424	1.00001
1700	-1.9448	-1.1505	3.8187	1.2915	2.396	1.0000	3.8751	1.00004
1800	-1.8586	-1.0395	3.8472	1.2846	2.459	1.0001	3.9079	1.00009
1900	-1.7749	-0.9322	3.8746	1.2770	2.519	1.0002	3.9428	1.00019
2000	-1.6930	-0.8279	3.9009	1.2685	2.576	1.0004	3.9800	1.00039
2100	-1.6121	-0.7257	3.9264	1.2598	2.630	1.0007	4.0200	1.00072
2200	-1.5316	-0.6248	3.9515	1.2483	2.682	1.0013	4.0652	1.00124
2300	-1.4508	-0.5243	3.9761	1.2375	2.731	1.0021	4.1148	1.00201
2400	-1.3690	-0.4236	4.0004	1.2264	2.779	1.0032	4.1709	1.00311
2500	-1.2859	-0.3221	4.0247	1.2160	2.826	1.0047	4.2344	1.00459
2600	-1.2012	-0.2195	4.0489	1.2066	2.874	1.0066	4.3043	1.00650
2700	-1.1151	-0.1160	4.0729	1.1984	2.922	1.0090	4.3802	1.00886
2800	-1.0277	-0.0116	4.0968	1.1917	2.971	1.0118	4.4627	1.01167
2900	-0.9395	0.0932	4.1203	1.1854	3.021	1.0151	4.5493	1.01491
3000	-0.8501	0.1990	4.1437	1.1815	3.073	1.0188	4.6409	1.01855
3100	-0.7618	0.3032	4.1665	1.1799	3.128	1.0228	4.7326	1.02255
3200	-0.6744	0.4062	4.1885	1.1784	3.182	1.0271	4.8238	1.02684
3300	-0.5884	0.5076	4.2100	1.1778	3.238	1.0317	4.9141	1.03136
3400	-0.5040	0.6069	4.2307	1.1780	3.295	1.0366	5.0030	1.03608
3500	-0.4219	0.7037	4.2506	1.1789	3.352	1.0415	5.0879	1.04092
3600	-0.3420	0.7979	4.2698	1.1805	3.410	1.0465	5.1701	1.04584
3700	-0.2648	0.8891	4.2881	1.1823	3.468	1.0516	5.2473	1.05079
3800	-0.1903	0.9773	4.3058	1.1838	3.526	1.0567	5.3210	1.05573
3900	-0.1185	1.0624	4.3226	1.1862	3.584	1.0618	5.3896	1.06063
4000	-0.0495	1.1443	4.3387	1.1895	3.643	1.0668	5.4530	1.06547
4100	0.0168	1.2233	4.3541	1.1934	3.703	1.0718	5.5123	1.07022
4200	0.0804	1.2993	4.3688	1.1977	3.763	1.0767	5.5566	1.07485
4300	0.1412	1.3722	4.3830	1.2017	3.823	1.0815	5.6167	1.07936



S/R= 33.2

T	LOG(RH01)	LJG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4400	0.1995	1.4424	4.3964	1.2045	3.880	1.0862	5.6519	1.08372
4500	0.2558	1.5103	4.4095	1.2069	3.936	1.0907	5.7048	1.08794
4600	0.3099	1.5757	4.4219	1.2112	3.994	1.0951	5.7432	1.09198
4700	0.3615	1.6383	4.4338	1.2163	4.054	1.0993	5.7773	1.09590
4800	0.4108	1.6984	4.4453	1.2204	4.111	1.1035	5.8079	1.09968
4900	0.4583	1.7564	4.4563	1.2168	4.156	1.1076	5.8358	1.10330
5000	0.5067	1.8151	4.4674	1.2183	4.207	1.1113	5.8576	1.10634
5100	0.5514	1.8699	4.4779	1.2288	4.275	1.1151	5.8914	1.00187
5200	0.5940	1.9223	4.4877	1.2355	4.336	1.1188	5.9117	1.00980
5300	0.6346	1.9726	4.4973	1.2414	4.395	1.1225	5.9291	1.11590
5400	0.6736	2.0212	4.5065	1.2466	4.452	1.1262	5.9440	1.11891
5500	0.7112	2.0682	4.5154	1.2483	4.504	1.1298	5.9570	1.12180
5600	0.7484	2.1145	4.5242	1.2430	4.542	1.1334	5.9703	1.12458
5700	0.7860	2.1612	4.5330	1.2346	4.574	1.1368	5.9861	1.12714
5800	0.8242	2.2081	4.5420	1.2244	4.601	1.1400	6.0052	1.12952
5900	0.8635	2.2561	4.5511	1.2130	4.625	1.1432	6.0284	1.13166
6000	0.9042	2.3052	4.5603	1.2621	4.764	1.1461	6.0563	1.13358
6100	0.9295	2.3393	4.5668	1.2920	4.868	1.1498	6.0453	1.13658
6200	0.9630	2.3811	4.5747	1.2483	4.831	1.1532	6.0582	1.13884
6300	0.9961	2.4224	4.5826	1.2478	4.876	1.1565	6.0712	1.14108
6400	1.0289	2.4633	4.5904	1.2477	4.921	1.1599	6.0840	1.14325
6500	1.0611	2.5036	4.5981	1.2489	4.969	1.1633	6.0974	1.14540
6600	1.0930	2.5434	4.6057	1.2493	5.016	1.1668	6.1111	1.14754
6700	1.1245	2.5828	4.6132	1.2487	5.060	1.1704	6.1251	1.14964
6800	1.1558	2.6219	4.6206	1.2491	5.107	1.1740	6.1395	1.15172
6900	1.1867	2.6605	4.6280	1.2495	5.153	1.1778	6.1545	1.15380
7000	1.2175	2.6989	4.6354	1.2502	5.200	1.1816	6.1699	1.15586
7100	1.2477	2.7367	4.6427	1.2509	5.247	1.1855	6.1858	1.15793
7200	1.2778	2.7744	4.6499	1.2510	5.293	1.1895	6.2021	1.15997
7300	1.3076	2.8117	4.6570	1.2516	5.340	1.1937	6.2190	1.16206
7400	1.3374	2.8489	4.6642	1.2520	5.387	1.1980	6.2363	1.16409
7500	1.3667	2.8857	4.6712	1.2534	5.437	1.2024	6.2540	1.16612
7600	1.3959	2.9223	4.6782	1.2552	5.487	1.2070	6.2724	1.16818
7700	1.4247	2.9584	4.6852	1.2562	5.536	1.2117	6.2912	1.17024
7800	1.4533	2.9944	4.6921	1.2572	5.585	1.2166	6.3103	1.17230
7900	1.4817	3.0301	4.6990	1.2596	5.638	1.2216	6.3300	1.17436
8000	1.5098	3.0655	4.7059	1.2614	5.690	1.2268	6.3503	1.17642
8100	1.5376	3.1007	4.7127	1.2634	5.742	1.2322	6.3708	1.17848
8200	1.5651	3.1355	4.7194	1.2661	5.797	1.2378	6.3917	1.18051
8300	1.5924	3.1701	4.7261	1.2684	5.851	1.2436	6.4130	1.18257
8400	1.6195	3.2044	4.7328	1.2703	5.905	1.2496	6.4346	1.18463
8500	1.6463	3.2385	4.7394	1.2724	5.959	1.2558	6.4567	1.18668
8600	1.6730	3.2724	4.7460	1.2758	6.018	1.2622	6.4789	1.18871
8700	1.6991	3.3059	4.7525	1.2800	6.078	1.2687	6.5013	1.19073
8800	1.7250	3.3391	4.7590	1.2834	6.138	1.2756	6.5243	1.19277
8900	1.7506	3.3720	4.7655	1.2868	6.198	1.2826	6.5477	1.19478
9000	1.7760	3.4047	4.7719	1.2908	6.260	1.2900	6.5711	1.19679
9100	1.8011	3.4371	4.7783	1.2944	6.322	1.2976	6.5951	1.19882
9200	1.8259	3.4693	4.7846	1.2979	6.384	1.3053	6.6192	1.20081
9300	1.8504	3.5011	4.7909	1.3024	6.450	1.3133	6.6431	1.20275
9400	1.8746	3.5326	4.7971	1.3069	6.516	1.3215	6.6677	1.20472
9500	1.8985	3.5640	4.8033	1.3111	6.582	1.3301	6.6925	1.20665
9600	1.9221	3.5950	4.8095	1.3166	6.652	1.3389	6.7177	1.20858
9700	1.9453	3.6256	4.8156	1.3221	6.723	1.3479	6.7429	1.21049
9800	1.9683	3.6560	4.8217	1.3268	6.793	1.3572	6.7585	1.21238

S/R= 33.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9900	1.9910	3.5862	4.8278	1.3316	6.864	1.3668	6.7943	1.21424
10000	2.0133	3.7160	4.8338	1.3365	6.936	1.3767	6.8201	1.21606
10100	2.0355	3.7457	4.8398	1.3421	7.011	1.3868	6.8463	1.21785
10200	2.0572	3.7749	4.8457	1.3479	7.088	1.3972	6.8725	1.21963
10300	2.0788	3.8040	4.8517	1.3527	7.162	1.4079	6.8995	1.22142
10400	2.1000	3.8328	4.8575	1.3585	7.240	1.4189	6.9265	1.22314
10500	2.1209	3.8612	4.8634	1.3635	7.317	1.4300	6.9535	1.22485
10600	2.1416	3.8896	4.8692	1.3678	7.393	1.4414	6.9810	1.22651
10700	2.1620	3.9175	4.8750	1.3724	7.470	1.4530	7.0086	1.22815
10800	2.1823	3.9453	4.8808	1.3739	7.539	1.4649	7.0361	1.22973

S/R= 33.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.3470	-5.7834	2.5417	1.4016	0.605	1.0000	3.4805	1.00000
200	-4.5974	-4.7328	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-4.1583	-4.1175	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-3.8443	-3.6787	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-3.5965	-3.3339	3.2440	1.3868	1.347	1.0000	3.5074	1.00000
600	-3.3891	-3.0474	3.3256	1.3759	1.469	1.0000	3.5270	1.00000
700	-3.2078	-2.7991	3.3955	1.3651	1.581	1.0000	3.5515	1.00000
800	-3.0469	-2.5802	3.4572	1.3544	1.683	1.0000	3.5817	1.00000
900	-2.8998	-2.3819	3.5121	1.3441	1.779	1.0000	3.6129	1.00000
1000	-2.7653	-2.2017	3.5619	1.3371	1.870	1.0000	3.6467	1.00000
1100	-2.6408	-2.0356	3.6071	1.3290	1.955	1.0000	3.6791	1.00000
1200	-2.5238	-1.8808	3.6488	1.3220	2.037	1.0000	3.7122	1.00000
1300	-2.4152	-1.7374	3.6874	1.3163	2.115	1.0000	3.7452	1.00000
1400	-2.3122	-1.6022	3.7234	1.3094	2.189	1.0000	3.7778	1.00000
1500	-2.2143	-1.4743	3.7570	1.3035	2.261	1.0000	3.8097	1.00000
1600	-2.1210	-1.3530	3.7887	1.2977	2.330	1.0000	3.8424	1.00001
1700	-2.0316	-1.2373	3.8187	1.2914	2.396	1.0000	3.8752	1.00004
1800	-1.9453	-1.1262	3.8473	1.2842	2.459	1.0001	3.9082	1.00010
1900	-1.8615	-1.0188	3.8746	1.2764	2.519	1.0002	3.9435	1.00021
2000	-1.7793	-0.9142	3.9011	1.2675	2.575	1.0004	3.9813	1.00043
2100	-1.6980	-0.8116	3.9267	1.2574	2.629	1.0008	4.0221	1.00079
2200	-1.6169	-0.7100	3.9519	1.2464	2.680	1.0014	4.0688	1.00136
2300	-1.5352	-0.6086	3.9767	1.2351	2.729	1.0023	4.1203	1.00222
2400	-1.4523	-0.5067	4.0013	1.2237	2.776	1.0035	4.1788	1.00343
2500	-1.3678	-0.4038	4.0259	1.2130	2.823	1.0051	4.2454	1.00504
2600	-1.2815	-0.2996	4.0503	1.2035	2.871	1.0072	4.3188	1.00712
2700	-1.1936	-0.1942	4.0747	1.1953	2.919	1.0098	4.3986	1.00968
2800	-1.1043	-0.0878	4.0990	1.1886	2.969	1.0128	4.4853	1.01271
2900	-1.0141	0.0192	4.1229	1.1825	3.019	1.0163	4.5761	1.01620
3000	-0.9228	0.1269	4.1466	1.1788	3.072	1.0203	4.6718	1.02009
3100	-0.8327	0.2331	4.1696	1.1774	3.127	1.0246	4.7573	1.02434
3200	-0.7435	0.3380	4.1920	1.1761	3.183	1.0292	4.8522	1.02889
3300	-0.6559	0.4410	4.2136	1.1758	3.239	1.0340	4.9558	1.03366
3400	-0.5701	0.5418	4.2346	1.1762	3.296	1.0390	5.0475	1.03862
3500	-0.4867	0.6400	4.2546	1.1773	3.354	1.0442	5.1349	1.04369
3600	-0.4057	0.7354	4.2739	1.1791	3.413	1.0494	5.2192	1.04882
3700	-0.3276	0.8276	4.2923	1.1813	3.472	1.0547	5.2981	1.05398
3800	-0.2522	0.9167	4.3100	1.1834	3.531	1.0599	5.3732	1.05911
3900	-0.1798	1.0025	4.3269	1.1858	3.589	1.0652	5.4429	1.06418
4000	-0.1103	1.0851	4.3430	1.1886	3.648	1.0704	5.5069	1.06917
4100	-0.0435	1.1645	4.3584	1.1923	3.708	1.0754	5.5667	1.07406

S/R= 33.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4200	0.0203	1.2407	4.3731	1.1967	3.768	1.0804	5.5212	1.07882
4300	0.0814	1.3139	4.3872	1.2012	3.829	1.0853	5.6714	1.08343
4400	0.1398	1.3843	4.4005	1.2045	3.887	1.0900	5.7163	1.08789
4500	0.1962	1.4522	4.4135	1.2072	3.943	1.0946	5.7587	1.09219
4600	0.2502	1.5176	4.4259	1.2112	4.001	1.0990	5.7964	1.09631
4700	0.3018	1.5801	4.4378	1.2161	4.061	1.1033	5.8299	1.10029
4800	0.3511	1.6403	4.4491	1.2203	4.119	1.1074	5.8599	1.10411
4900	0.3986	1.6982	4.4601	1.2169	4.163	1.1115	5.8871	1.10778
5000	0.4469	1.7568	4.4712	1.2183	4.215	1.1152	5.9181	1.11085
5100	0.4915	1.8114	4.4814	1.2286	4.282	1.1189	5.9410	0.99864
5200	0.5340	1.8638	4.4913	1.2350	4.342	1.1226	5.9607	1.00005
5300	0.5746	1.9141	4.5008	1.2406	4.400	1.1263	5.9775	1.12046
5400	0.6137	1.9627	4.5100	1.2456	4.458	1.1298	5.9919	1.12347
5500	0.6513	2.0096	4.5188	1.2473	4.509	1.1334	6.0044	1.12638
5600	0.6885	2.0559	4.5276	1.2421	4.547	1.1369	6.0172	1.12917
5700	0.7261	2.1025	4.5364	1.2338	4.579	1.1402	6.0323	1.13175
5800	0.7642	2.1494	4.5453	1.2236	4.606	1.1434	6.0510	1.13414
5900	0.8036	2.1973	4.5543	1.2119	4.630	1.1464	6.0736	1.13631
6000	0.8442	2.2464	4.5635	1.2594	4.765	1.1492	6.1006	1.13826
6100	0.8699	2.2808	4.5700	1.2881	4.867	1.1529	6.0902	1.14126
6200	0.9035	2.3228	4.5779	1.2455	4.832	1.1561	6.1030	1.14355
6300	0.9368	2.3642	4.5858	1.2449	4.876	1.1593	6.1160	1.14581
6400	0.9699	2.4053	4.5936	1.2446	4.921	1.1626	6.1289	1.14802
6500	1.0024	2.4459	4.6013	1.2453	4.968	1.1660	6.1425	1.15020
6600	1.0346	2.4859	4.6089	1.2453	5.013	1.1693	6.1565	1.15238
6700	1.0664	2.5255	4.6164	1.2445	5.057	1.1728	6.1708	1.15454
6800	1.0981	2.5650	4.6239	1.2446	5.102	1.1763	6.1854	1.15666
6900	1.1293	2.6038	4.6313	1.2449	5.148	1.1799	6.2008	1.15879
7000	1.1605	2.6426	4.6387	1.2455	5.195	1.1836	6.2167	1.16091
7100	1.1911	2.6808	4.6460	1.2460	5.241	1.1874	6.2331	1.16305
7200	1.2216	2.7188	4.6532	1.2456	5.286	1.1913	6.2499	1.16516
7300	1.2519	2.7566	4.6604	1.2458	5.332	1.1953	6.2573	1.16731
7400	1.2821	2.7941	4.6675	1.2460	5.378	1.1994	6.2851	1.16942
7500	1.3119	2.8313	4.6746	1.2472	5.426	1.2036	6.3033	1.17152
7600	1.3415	2.8683	4.6817	1.2491	5.476	1.2080	6.3223	1.17366
7700	1.3708	2.9048	4.6887	1.2503	5.525	1.2126	6.3417	1.17581
7800	1.3999	2.9413	4.6957	1.2508	5.573	1.2173	6.3615	1.17794
7900	1.4288	2.9774	4.7025	1.2524	5.623	1.2222	6.3817	1.18009
8000	1.4573	3.0132	4.7094	1.2540	5.674	1.2272	6.4025	1.18224
8100	1.4857	3.0488	4.7163	1.2558	5.725	1.2323	6.4235	1.18439
8200	1.5137	3.0840	4.7230	1.2583	5.779	1.2377	6.4449	1.18652
8300	1.5415	3.1190	4.7298	1.2607	5.833	1.2432	6.4567	1.18866
8400	1.5690	3.1537	4.7365	1.2629	5.886	1.2490	6.4889	1.19082
8500	1.5963	3.1882	4.7431	1.2644	5.939	1.2549	6.5115	1.19296
8600	1.6235	3.2226	4.7497	1.2670	5.994	1.2610	6.5340	1.19509
8700	1.6501	3.2564	4.7562	1.2709	6.053	1.2673	6.5568	1.19721
8800	1.6765	3.2900	4.7627	1.2741	6.111	1.2738	6.5802	1.19935
8900	1.7026	3.3233	4.7692	1.2773	6.170	1.2806	6.6038	1.20146
9000	1.7285	3.3563	4.7756	1.2811	6.230	1.2875	6.6275	1.20356
9100	1.7540	3.3891	4.7820	1.2849	6.292	1.2948	6.6517	1.20568
9200	1.7793	3.4216	4.7883	1.2886	6.354	1.3022	6.6761	1.20778
9300	1.8042	3.4538	4.7946	1.2924	6.417	1.3099	6.7003	1.20982
9400	1.8288	3.4856	4.8008	1.2960	6.479	1.3178	6.7250	1.21188
9500	1.8532	3.5173	4.8070	1.3001	6.544	1.3259	6.7500	1.21392
9600	1.8773	3.5487	4.8132	1.3054	6.612	1.3342	6.7751	1.21594

S/R= 33.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9700	1.9009	3.5796	4.8193	1.3105	6.681	1.3428	6.8004	1.21795
9800	1.9244	3.6104	4.8254	1.3149	6.749	1.3517	6.8260	1.21994
9900	1.9475	3.6408	4.8314	1.3197	6.819	1.3609	6.8516	1.22189
10000	1.9703	3.6709	4.8374	1.3245	6.889	1.3703	6.8772	1.22381
10100	1.9928	3.7009	4.8434	1.3299	6.962	1.3799	6.9034	1.22570
10200	2.0150	3.7304	4.8493	1.3356	7.037	1.3899	6.9295	1.22758
10300	2.0369	3.7597	4.8552	1.3405	7.110	1.4001	6.9562	1.22947
10400	2.0586	3.7888	4.8611	1.3462	7.186	1.4105	6.9830	1.23128
10500	2.0798	3.8174	4.8669	1.3513	7.262	1.4212	7.0099	1.23309
10600	2.1009	3.8460	4.8727	1.3558	7.336	1.4321	7.0370	1.23485
10700	2.1216	3.8742	4.8785	1.3604	7.412	1.4433	7.0644	1.23659
10800	2.1422	3.9022	4.8842	1.3649	7.488	1.4547	7.0915	1.23826
10900	2.1625	3.9300	4.8899	1.3702	7.568	1.4663	7.1194	1.23994
11000	2.1825	3.9575	4.8955	1.3726	7.639	1.4781	7.1473	1.24157

S/R= 33.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.4338	-5.8702	2.5417	1.4016	0.605	1.0000	3.4806	1.00000
200	-4.6843	-4.8197	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-4.2451	-4.2044	3.0198	1.3998	1.048	1.0000	3.4891	1.00000
400	-3.9313	-3.7656	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-3.6833	-3.4207	3.2440	1.3867	1.347	1.0000	3.5074	1.00000
600	-3.4759	-3.1342	3.3256	1.3761	1.469	1.0000	3.5270	1.00000
700	-3.2948	-2.8861	3.3955	1.3650	1.581	1.0000	3.5516	1.00000
800	-3.1336	-2.6669	3.4572	1.3541	1.683	1.0000	3.5817	1.00000
900	-2.9865	-2.4687	3.5121	1.3443	1.779	1.0000	3.6129	1.00000
1000	-2.8522	-2.2886	3.5619	1.3367	1.870	1.0000	3.6467	1.00000
1100	-2.7275	-2.1225	3.6071	1.3285	1.955	1.0000	3.6791	1.00000
1200	-2.6104	-1.9674	3.6488	1.3224	2.037	1.0000	3.7122	1.00000
1300	-2.5019	-1.8242	3.6874	1.3170	2.116	1.0000	3.7452	1.00000
1400	-2.3991	-1.6892	3.7234	1.3095	2.190	1.0000	3.7778	1.00000
1500	-2.3011	-1.5612	3.7570	1.3033	2.261	1.0000	3.8097	1.00000
1600	-2.2079	-1.4399	3.7887	1.2976	2.330	1.0000	3.8425	1.00002
1700	-2.1184	-1.3241	3.8188	1.2912	2.396	1.0001	3.8754	1.00004
1800	-2.0320	-1.2129	3.8473	1.2839	2.458	1.0001	3.9086	1.00011
1900	-1.9480	-1.1053	3.8747	1.2757	2.518	1.0003	3.9442	1.00023
2000	-1.8655	-1.0004	3.9012	1.2664	2.574	1.0005	3.9826	1.00047
2100	-1.7838	-0.8973	3.9269	1.2559	2.627	1.0009	4.0245	1.00087
2200	-1.7020	-0.7951	3.9523	1.2444	2.678	1.0015	4.0727	1.00150
2300	-1.6193	-0.6927	3.9773	1.2325	2.726	1.0025	4.1262	1.00244
2400	-1.5352	-0.5895	4.0022	1.2207	2.773	1.0038	4.1875	1.00377
2500	-1.4492	-0.4850	4.0271	1.2098	2.820	1.0056	4.2573	1.00553
2600	-1.3612	-0.3790	4.0519	1.2003	2.868	1.0079	4.3346	1.00779
2700	-1.2714	-0.2716	4.0766	1.1921	2.917	1.0106	4.4185	1.01056
2800	-1.1801	-0.1631	4.1013	1.1856	2.967	1.0139	4.5095	1.01383
2900	-1.0879	-0.0540	4.1256	1.1797	3.017	1.0177	4.6047	1.01757
3000	-0.9946	0.0558	4.1496	1.1763	3.071	1.0219	4.7045	1.02172
3100	-0.9026	0.1640	4.1730	1.1750	3.127	1.0264	4.8042	1.02623
3200	-0.8117	0.2707	4.1956	1.1739	3.183	1.0313	4.9026	1.03105
3300	-0.7224	0.3754	4.2174	1.1739	3.240	1.0364	4.9995	1.03608
3400	-0.6353	0.4778	4.2385	1.1746	3.298	1.0416	5.0941	1.04128
3500	-0.5506	0.5773	4.2587	1.1758	3.357	1.0470	5.1839	1.04658
3600	-0.4686	0.6738	4.2781	1.1777	3.416	1.0524	5.2702	1.05192
3700	-0.3895	0.7670	4.2966	1.1802	3.476	1.0579	5.3507	1.05728

S/R= 33.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3800	-0.3134	0.8569	4.3143	1.1829	3.535	1.0633	5.4270	1.06258
3900	-0.2403	0.9434	4.3312	1.1856	3.595	1.0687	5.4976	1.06782
4000	-0.1703	1.0265	4.3473	1.1884	3.654	1.0740	5.5622	1.07296
4100	-0.1033	1.1063	4.3627	1.1916	3.713	1.0792	5.6222	1.07798
4200	-0.0391	1.1829	4.3774	1.1957	3.773	1.0843	5.6769	1.08286
4300	0.0221	1.2563	4.3914	1.2004	3.834	1.0892	5.7270	1.08756
4400	0.0807	1.3267	4.4047	1.2045	3.894	1.0940	5.7715	1.09211
4500	0.1370	1.3946	4.4176	1.2076	3.951	1.0986	5.8131	1.09650
4600	0.1909	1.4598	4.4299	1.2115	4.009	1.1030	5.8501	1.10068
4700	0.2424	1.5224	4.4417	1.2161	4.068	1.1073	5.8829	1.10470
4800	0.2917	1.5825	4.4530	1.2202	4.126	1.1114	5.9121	1.10857
4900	0.3391	1.6403	4.4639	1.2171	4.171	1.1155	5.9386	1.11226
5000	0.3873	1.6987	4.4749	1.2187	4.223	1.1192	5.9687	1.11535
5100	0.4317	1.7532	4.4851	1.2285	4.289	1.1229	5.9907	1.10473
5200	0.4742	1.8055	4.4949	1.2345	4.349	1.1265	6.0097	0.99938
5300	0.5147	1.8557	4.5043	1.2398	4.407	1.1300	6.0259	1.12500
5400	0.5539	1.9043	4.5134	1.2446	4.464	1.1336	6.0398	1.12802
5500	0.5915	1.9512	4.5223	1.2465	4.515	1.1371	6.0518	1.13092
5600	0.6287	1.9975	4.5310	1.2413	4.553	1.1405	6.0641	1.13372
5700	0.6663	2.0441	4.5397	1.2331	4.585	1.1437	6.0787	1.13631
5800	0.7044	2.0909	4.5485	1.2230	4.612	1.1468	6.0966	1.13872
5900	0.7437	2.1387	4.5575	1.2112	4.635	1.1497	6.1186	1.14092
6000	0.7843	2.1877	4.5667	1.2568	4.767	1.1525	6.1450	1.14290
6100	0.8104	2.2225	4.5732	1.2839	4.866	1.1561	6.1353	1.14590
6200	0.8442	2.2646	4.5811	1.2429	4.833	1.1592	6.1480	1.14820
6300	0.8778	2.3063	4.5890	1.2419	4.877	1.1624	6.1611	1.15050
6400	0.9111	2.3476	4.5968	1.2414	4.921	1.1655	6.1742	1.15273
6500	0.9439	2.3884	4.6045	1.2419	4.967	1.1688	6.1880	1.15495
6600	0.9764	2.4287	4.6121	1.2418	5.012	1.1721	6.2024	1.15718
6700	1.0085	2.4686	4.6197	1.2406	5.055	1.1754	6.2170	1.15939
6800	1.0406	2.5084	4.6271	1.2404	5.099	1.1788	6.2322	1.16156
6900	1.0722	2.5476	4.6346	1.2404	5.144	1.1823	6.2479	1.16375
7000	1.1038	2.5868	4.6420	1.2408	5.190	1.1859	6.2643	1.16593
7100	1.1348	2.6253	4.6493	1.2412	5.236	1.1896	6.2813	1.16814
7200	1.1658	2.6638	4.6566	1.2410	5.280	1.1934	6.2988	1.17031
7300	1.1965	2.7019	4.6638	1.2408	5.325	1.1973	6.3168	1.17253
7400	1.2272	2.7399	4.6710	1.2405	5.370	1.2013	6.3353	1.17472
7500	1.2575	2.7775	4.6781	1.2414	5.417	1.2054	6.3541	1.17690
7600	1.2876	2.8149	4.6852	1.2430	5.467	1.2096	6.3737	1.17913
7700	1.3173	2.8519	4.6922	1.2441	5.515	1.2140	6.3938	1.18136
7800	1.3470	2.8888	4.6992	1.2448	5.562	1.2186	6.4142	1.18358
7900	1.3763	2.9253	4.7062	1.2466	5.613	1.2233	6.4351	1.18582
8000	1.4053	2.9615	4.7131	1.2476	5.662	1.2282	6.4565	1.18806
8100	1.4342	2.9975	4.7199	1.2488	5.711	1.2331	6.4782	1.19030
8200	1.4627	3.0332	4.7267	1.2510	5.763	1.2383	6.5001	1.19253
8300	1.4910	3.0686	4.7335	1.2533	5.816	1.2436	6.5224	1.19477
8400	1.5190	3.1038	4.7402	1.2553	5.869	1.2491	6.5451	1.19703
8500	1.5468	3.1387	4.7469	1.2570	5.921	1.2548	6.5682	1.19926
8600	1.5744	3.1734	4.7535	1.2599	5.977	1.2607	6.5913	1.20148
8700	1.6015	3.2076	4.7600	1.2632	6.034	1.2668	6.6145	1.20371
8800	1.6284	3.2416	4.7665	1.2656	6.089	1.2731	6.6383	1.20594
8900	1.6550	3.2753	4.7730	1.2684	6.146	1.2795	6.6623	1.20815
9000	1.6813	3.3087	4.7794	1.2720	6.205	1.2862	6.6864	1.21035
9100	1.7073	3.3419	4.7858	1.2756	6.265	1.2931	6.7110	1.21258
9200	1.7330	3.3747	4.7922	1.2792	6.326	1.3002	6.7355	1.21478

S/R= 33.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9300	1.7584	3.4072	4.7984	1.2834	6.388	1.3075	6.7500	1.21692
9400	1.7835	3.4394	4.8047	1.2871	6.450	1.3151	6.7849	1.21908
9500	1.8083	3.4714	4.8109	1.2904	6.512	1.3229	6.8102	1.22122
9600	1.8328	3.5031	4.8170	1.2951	6.578	1.3309	6.8354	1.22334
9700	1.8569	3.5343	4.8231	1.2999	6.645	1.3391	6.8607	1.22545
9800	1.8808	3.5654	4.8292	1.3041	6.711	1.3476	6.8863	1.22754
9900	1.9043	3.5962	4.8352	1.3086	6.778	1.3563	6.9119	1.22959
10000	1.9275	3.5266	4.8412	1.3131	6.847	1.3652	6.9375	1.23161
10100	1.9505	3.5568	4.8471	1.3184	6.918	1.3745	6.9634	1.23360
10200	1.9730	3.6866	4.8530	1.3240	6.991	1.3839	6.9895	1.23558
10300	1.9954	3.7162	4.8589	1.3288	7.063	1.3937	7.0160	1.23756
10400	2.0174	3.7455	4.8648	1.3345	7.138	1.4037	7.0426	1.23947
10500	2.0390	3.7744	4.8706	1.3397	7.212	1.4139	7.0693	1.24138
10600	2.0605	3.8032	4.8763	1.3441	7.285	1.4244	7.0962	1.24324
10700	2.0816	3.8317	4.8821	1.3488	7.359	1.4351	7.1233	1.24507
10800	2.1025	3.8599	4.8877	1.3534	7.435	1.4460	7.1502	1.24683
10900	2.1231	3.8878	4.8934	1.3587	7.512	1.4572	7.1777	1.24862
11000	2.1434	3.9155	4.8990	1.3633	7.589	1.4686	7.2053	1.25034
11100	2.1635	3.9429	4.9046	1.3679	7.666	1.4801	7.2328	1.25201
11200	2.1833	3.9701	4.9102	1.3702	7.737	1.4919	7.2610	1.25369

S/R= 33.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.5206	-5.9570	2.5417	1.4017	0.605	1.0000	3.4805	1.00000
200	-4.7713	-4.9067	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-4.3319	-4.2912	3.0198	1.3998	1.048	1.0000	3.4891	1.00000
400	-4.0182	-3.8526	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-3.7701	-3.5075	3.2440	1.3866	1.346	1.0000	3.5074	1.00000
600	-3.5627	-3.2209	3.3256	1.3763	1.469	1.0000	3.5270	1.00000
700	-3.3817	-2.9731	3.3955	1.3650	1.581	1.0000	3.5515	1.00000
800	-3.2204	-2.7537	3.4572	1.3541	1.683	1.0000	3.5817	1.00000
900	-3.0735	-2.5556	3.5121	1.3446	1.779	1.0000	3.6129	1.00000
1000	-2.9391	-2.3755	3.5619	1.3363	1.869	1.0000	3.6467	1.00000
1100	-2.8143	-2.2094	3.6071	1.3280	1.954	1.0000	3.6791	1.00000
1200	-2.6973	-2.0544	3.6488	1.3226	2.037	1.0000	3.7122	1.00000
1300	-2.5887	-1.9109	3.6874	1.3173	2.116	1.0000	3.7452	1.00000
1400	-2.4859	-1.7759	3.7234	1.3097	2.190	1.0000	3.7778	1.00000
1500	-2.3880	-1.6480	3.7570	1.3033	2.261	1.0000	3.8098	1.00001
1600	-2.2947	-1.5267	3.7887	1.2975	2.330	1.0000	3.8425	1.00002
1700	-2.2052	-1.4109	3.8188	1.2910	2.396	1.0001	3.8756	1.00005
1800	-2.1187	-1.2995	3.8473	1.2835	2.458	1.0001	3.9090	1.00012
1900	-2.0345	-1.1918	3.8748	1.2750	2.517	1.0003	3.9450	1.00026
2000	-1.9517	-1.0866	3.9014	1.2653	2.573	1.0005	3.9841	1.00052
2100	-1.8695	-0.9830	3.9272	1.2542	2.626	1.0010	4.0272	1.00096
2200	-1.7869	-0.8799	3.9528	1.2422	2.676	1.0017	4.0770	1.00165
2300	-1.7032	-0.7765	3.9780	1.2298	2.723	1.0027	4.1328	1.00269
2400	-1.6178	-0.6719	4.0031	1.2177	2.770	1.0042	4.1970	1.00414
2500	-1.5302	-0.5658	4.0284	1.2066	2.817	1.0061	4.2703	1.00607
2600	-1.4403	-0.4578	4.0536	1.1970	2.865	1.0086	4.3515	1.00852
2700	-1.3485	-0.3483	4.0787	1.1889	2.914	1.0116	4.4399	1.01151
2800	-1.2551	-0.2376	4.1038	1.1825	2.965	1.0151	4.5355	1.01503
2900	-1.1608	-0.1263	4.1285	1.1770	3.016	1.0191	4.6352	1.01904
3000	-1.0654	-0.0143	4.1528	1.1738	3.070	1.0236	4.7394	1.02345
3100	-0.9715	0.0958	4.1765	1.1727	3.127	1.0284	4.8430	1.02823

S/R= 33.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3200	-0.8789	0.2045	4.1993	1.1719	3.184	1.0335	4.9451	1.03332
3300	-0.7881	0.3108	4.2214	1.1720	3.241	1.0388	5.0452	1.03860
3400	-0.6995	0.4147	4.2427	1.1730	3.300	1.0443	5.1425	1.04404
3500	-0.6136	0.5155	4.2630	1.1744	3.359	1.0499	5.2348	1.04957
3600	-0.5305	0.6131	4.2825	1.1765	3.419	1.0556	5.3229	1.05513
3700	-0.4506	0.7072	4.3010	1.1792	3.480	1.0612	5.4049	1.06068
3800	-0.3739	0.7979	4.3187	1.1821	3.540	1.0668	5.4823	1.06616
3900	-0.3002	0.8850	4.3356	1.1854	3.601	1.0723	5.5536	1.07156
4000	-0.2298	0.9686	4.3517	1.1885	3.660	1.0777	5.6187	1.07684
4100	-0.1624	1.0488	4.3670	1.1916	3.720	1.0830	5.6789	1.08198
4200	-0.0981	1.1256	4.3817	1.1953	3.780	1.0882	5.7334	1.08697
4300	-0.0367	1.1991	4.3956	1.1998	3.840	1.0932	5.7832	1.09176
4400	0.0219	1.2696	4.4089	1.2042	3.901	1.0980	5.8273	1.09639
4500	0.0781	1.3374	4.4217	1.2080	3.959	1.1027	5.8681	1.10084
4600	0.1319	1.4025	4.4339	1.2120	4.018	1.1071	5.9041	1.10508
4700	0.1834	1.4649	4.4456	1.2163	4.076	1.1114	5.9362	1.10914
4800	0.2326	1.5249	4.4568	1.2203	4.134	1.1155	5.9645	1.11303
4900	0.2798	1.5826	4.4676	1.22174	4.179	1.1195	5.9902	1.11675
5000	0.3278	1.6408	4.4785	1.2191	4.231	1.1232	6.0193	1.11985
5100	0.3721	1.6951	4.4886	1.2287	4.297	1.1268	6.0403	1.02726
5200	0.4145	1.7473	4.4984	1.2342	4.355	1.1304	6.0585	1.00882
5300	0.4550	1.7975	4.5078	1.2391	4.413	1.1339	6.0741	1.12951
5400	0.4942	1.8461	4.5168	1.2438	4.469	1.1374	6.0875	1.13252
5500	0.5318	1.8930	4.5256	1.2456	4.521	1.1408	6.0990	1.13542
5600	0.5690	1.9393	4.5343	1.2406	4.559	1.1441	6.1108	1.13822
5700	0.6066	1.9857	4.5430	1.2325	4.591	1.1473	6.1249	1.14081
5800	0.6447	2.0325	4.5518	1.2226	4.619	1.1504	6.1422	1.14324
5900	0.6839	2.0802	4.5607	1.2106	4.641	1.1532	6.1635	1.14546
6000	0.7244	2.1290	4.5698	1.2541	4.769	1.1559	6.1892	1.14748
6100	0.7510	2.1644	4.5763	1.2795	4.864	1.1594	6.1904	1.15047
6200	0.7851	2.2067	4.5843	1.2403	4.835	1.1624	6.1933	1.15280
6300	0.8189	2.2486	4.5922	1.2391	4.878	1.1655	6.2065	1.15512
6400	0.8525	2.2902	4.6000	1.2384	4.921	1.1686	6.2198	1.15739
6500	0.8856	2.3312	4.6077	1.2385	4.967	1.1718	6.2339	1.15965
6600	0.9184	2.3718	4.6153	1.2382	5.011	1.1750	6.2487	1.16193
6700	0.9509	2.4121	4.6229	1.2370	5.053	1.1783	6.2539	1.16418
6800	0.9834	2.4522	4.6304	1.2365	5.097	1.1816	6.2795	1.16641
6900	1.0154	2.4918	4.6379	1.2362	5.141	1.1850	6.2959	1.16867
7000	1.0474	2.5314	4.6453	1.2363	5.186	1.1885	6.3129	1.17091
7100	1.0789	2.5703	4.6527	1.2365	5.231	1.1921	6.3305	1.17319
7200	1.1104	2.6092	4.6600	1.2361	5.275	1.1958	6.3487	1.17544
7300	1.1415	2.6478	4.6673	1.2360	5.320	1.1996	6.3674	1.17773
7400	1.1727	2.6862	4.6745	1.2358	5.365	1.2035	6.3867	1.18001
7500	1.2035	2.7243	4.6817	1.2363	5.411	1.2076	6.4063	1.18227
7600	1.2341	2.7621	4.6888	1.2375	5.459	1.2117	6.4266	1.18458
7700	1.2643	2.7995	4.6959	1.2384	5.506	1.2160	6.4473	1.18690
7800	1.2944	2.8369	4.7029	1.2389	5.553	1.2204	6.4684	1.18921
7900	1.3242	2.8738	4.7099	1.2406	5.603	1.2249	6.4900	1.19154
8000	1.3538	2.9105	4.7168	1.2419	5.652	1.2296	6.5122	1.19388
8100	1.3831	2.9470	4.7237	1.2431	5.701	1.2345	6.5345	1.19622
8200	1.4121	2.9831	4.7305	1.2447	5.752	1.2395	6.5572	1.19855
8300	1.4409	3.0189	4.7373	1.2465	5.803	1.2446	6.5801	1.20088
8400	1.4694	3.0545	4.7440	1.2482	5.854	1.2500	6.6034	1.20324
8500	1.4977	3.0898	4.7507	1.2498	5.906	1.2555	6.6270	1.20558
8600	1.5258	3.1250	4.7574	1.2527	5.961	1.2611	6.6507	1.20790

S/R= 33.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8700	1.5534	3.1596	4.7639	1.2562	6.017	1.2670	6.6744	1.21023
8800	1.5807	3.1939	4.7705	1.2587	6.073	1.2731	6.6987	1.21257
8900	1.6078	3.2280	4.7770	1.2608	6.127	1.2793	6.7232	1.21488
9000	1.6346	3.2618	4.7834	1.2637	6.184	1.2857	6.7476	1.21718
9100	1.6611	3.2954	4.7898	1.2672	6.243	1.2923	6.7726	1.21951
9200	1.6872	3.3286	4.7961	1.2705	6.302	1.2991	6.7974	1.22181
9300	1.7131	3.3614	4.8024	1.2744	6.362	1.3061	6.8221	1.22405
9400	1.7386	3.3940	4.8086	1.2781	6.424	1.3134	6.8473	1.22632
9500	1.7638	3.4263	4.8149	1.2818	6.486	1.3209	6.8729	1.22856
9600	1.7887	3.4583	4.8210	1.2864	6.550	1.3286	6.8982	1.23078
9700	1.8132	3.4898	4.8271	1.2903	6.614	1.3365	6.9237	1.23299
9800	1.8375	3.5212	4.8332	1.2941	6.678	1.3446	6.9495	1.23518
9900	1.8615	3.5523	4.8392	1.2985	6.744	1.3529	6.9750	1.23734
10000	1.8851	3.5830	4.8451	1.3026	6.810	1.3615	7.0006	1.23945
10100	1.9085	3.6135	4.8511	1.3077	6.879	1.3703	7.0265	1.24155
10200	1.9314	3.6436	4.8569	1.3132	6.951	1.3794	7.0524	1.24362
10300	1.9541	3.6734	4.8628	1.3178	7.021	1.3887	7.0788	1.24570
10400	1.9765	3.7030	4.8686	1.3234	7.094	1.3983	7.1052	1.24771
10500	1.9985	3.7321	4.8744	1.3285	7.167	1.4080	7.1317	1.24971
10600	2.0203	3.7612	4.8801	1.3330	7.239	1.4181	7.1584	1.25167
10700	2.0418	3.7898	4.8858	1.3376	7.312	1.4284	7.1853	1.25360
10800	2.0630	3.8183	4.8915	1.3424	7.386	1.4388	7.2119	1.25546
10900	2.0839	3.8464	4.8971	1.3477	7.462	1.4496	7.2391	1.25734
11000	2.1046	3.8743	4.9027	1.3524	7.538	1.4605	7.2664	1.25916
11100	2.1250	3.9019	4.9083	1.3572	7.614	1.4716	7.2936	1.26093
11200	2.1451	3.9293	4.9138	1.3614	7.690	1.4830	7.3213	1.26270
11300	2.1649	3.9563	4.9193	1.3654	7.765	1.4945	7.3487	1.26439
11400	2.1845	3.9831	4.9248	1.3677	7.836	1.5061	7.3765	1.26607

S/R= 34.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.6074	-6.0438	2.5417	1.4018	0.605	1.0000	3.4806	1.00000
200	-4.8581	-4.9935	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-4.4187	-4.3780	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-4.1050	-3.9393	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-3.8569	-3.5944	3.2440	1.3866	1.346	1.0000	3.5074	1.00000
600	-3.6496	-3.3078	3.3256	1.3762	1.469	1.0000	3.5270	1.00000
700	-3.4685	-3.0598	3.3955	1.3648	1.581	1.0000	3.5516	1.00000
800	-3.3071	-2.8405	3.4572	1.3542	1.683	1.0000	3.5817	1.00000
900	-3.1604	-2.6426	3.5121	1.3448	1.779	1.0000	3.6129	1.00000
1000	-3.0260	-2.4624	3.5619	1.3363	1.869	1.0000	3.6467	1.00000
1100	-2.9013	-2.2963	3.6071	1.3277	1.954	1.0000	3.6791	1.00000
1200	-2.7843	-2.1415	3.6489	1.3222	2.037	1.0000	3.7122	1.00000
1300	-2.6756	-1.9980	3.6874	1.3174	2.116	1.0000	3.7452	1.00000
1400	-2.5727	-1.8627	3.7234	1.3101	2.190	1.0000	3.7779	1.00000
1500	-2.4748	-1.7349	3.7570	1.3034	2.261	1.0000	3.8098	1.00001
1600	-2.3815	-1.6135	3.7887	1.2974	2.330	1.0000	3.8426	1.00002
1700	-2.2920	-1.4976	3.8188	1.2907	2.395	1.0001	3.8758	1.00005
1800	-2.2054	-1.3862	3.8474	1.2830	2.458	1.0001	3.9095	1.00013
1900	-2.1209	-1.2782	3.8749	1.2742	2.516	1.0003	3.9459	1.00029
2000	-2.0378	-1.1727	3.9015	1.2640	2.572	1.0006	3.9858	1.00057
2100	-1.9550	-1.0685	3.9275	1.2524	2.624	1.0011	4.0301	1.00106
2200	-1.8717	-0.9646	3.9533	1.2399	2.673	1.0018	4.0817	1.00182
2300	-1.7869	-0.8600	3.9787	1.2270	2.721	1.0030	4.1400	1.00296



S/R= 34.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2400	-1.7090	-0.7539	4.0042	1.2145	2.767	1.0046	4.2073	1.00454
2500	-1.6106	-0.6460	4.0298	1.2033	2.814	1.0067	4.2844	1.00665
2600	-1.5188	-0.5360	4.0555	1.1936	2.862	1.0094	4.3701	1.00931
2700	-1.4249	-0.4242	4.0810	1.1857	2.912	1.0126	4.4629	1.01253
2800	-1.3293	-0.3112	4.1064	1.1795	2.963	1.0164	4.5533	1.01632
2900	-1.2328	-0.1977	4.1315	1.1742	3.015	1.0207	4.6577	1.02059
3000	-1.1354	-0.0835	4.1562	1.1713	3.070	1.0254	4.7763	1.02528
3100	-1.0395	0.0287	4.1801	1.1705	3.127	1.0305	4.8839	1.03034
3200	-0.9451	0.1392	4.2032	1.1699	3.185	1.0359	4.9897	1.03570
3300	-0.8527	0.2473	4.2255	1.1703	3.243	1.0414	5.0930	1.04124
3400	-0.7628	0.3526	4.2469	1.1715	3.303	1.0472	5.1930	1.04692
3500	-0.6757	0.4546	4.2673	1.1732	3.363	1.0530	5.2874	1.05267
3600	-0.5917	0.5533	4.2869	1.1755	3.423	1.0588	5.3773	1.05844
3700	-0.5110	0.6483	4.3054	1.1783	3.484	1.0646	5.4507	1.06418
3800	-0.4336	0.7396	4.3232	1.1814	3.545	1.0704	5.5391	1.06983
3900	-0.3594	0.8273	4.3401	1.1850	3.606	1.0760	5.6109	1.07538
4000	-0.2886	0.9114	4.3561	1.1886	3.667	1.0816	5.6763	1.08079
4100	-0.2210	0.9919	4.3714	1.1920	3.727	1.0870	5.7365	1.08605
4200	-0.1565	1.0688	4.3860	1.1955	3.787	1.0922	5.7907	1.09113
4300	-0.0951	1.1424	4.3999	1.1996	3.847	1.0973	5.8401	1.09601
4400	-0.0364	1.2129	4.4131	1.2039	3.907	1.1021	5.8835	1.10070
4500	0.0196	1.2805	4.4258	1.2083	3.967	1.1068	5.9235	1.10520
4600	0.0732	1.3454	4.4379	1.2126	4.026	1.1113	5.9584	1.10950
4700	0.1245	1.4077	4.4495	1.2166	4.084	1.1156	5.9895	1.11359
4800	0.1736	1.4676	4.4606	1.2205	4.142	1.1197	6.0171	1.11749
4900	0.2207	1.5251	4.4714	1.2178	4.187	1.1236	6.0417	1.12122
5000	0.2685	1.5831	4.4821	1.2196	4.240	1.1272	6.0697	1.12432
5100	0.3126	1.6372	4.4922	1.2289	4.305	1.1309	6.0897	1.06474
5200	0.3549	1.6892	4.5018	1.2340	4.363	1.1344	6.1070	1.03944
5300	0.3954	1.7393	4.5112	1.2384	4.419	1.1378	6.1221	1.13397
5400	0.4346	1.7879	4.5202	1.2428	4.475	1.1412	6.1349	1.13697
5500	0.4722	1.8348	4.5290	1.2446	4.526	1.1446	6.1465	1.13986
5600	0.5094	1.8811	4.5376	1.2399	4.565	1.1479	6.1573	1.14266
5700	0.5470	1.9275	4.5462	1.2322	4.598	1.1510	6.1708	1.14525
5800	0.5850	1.9742	4.5549	1.2224	4.625	1.1540	6.1876	1.14770
5900	0.6242	2.0218	4.5638	1.2104	4.648	1.1568	6.2083	1.14995
6000	0.6646	2.0705	4.5729	1.2512	4.771	1.1593	6.2333	1.15201
6100	0.6918	2.1065	4.5795	1.2748	4.863	1.1628	6.2255	1.15497
6200	0.7261	2.1490	4.5875	1.2378	4.837	1.1658	6.2385	1.15733
6300	0.7602	2.1911	4.5954	1.2363	4.879	1.1688	6.2520	1.15969
6400	0.7941	2.2330	4.6032	1.2354	4.922	1.1719	6.2657	1.16199
6500	0.8275	2.2743	4.6109	1.2352	4.967	1.1750	6.2803	1.16430
6600	0.8607	2.3153	4.6186	1.2346	5.010	1.1781	6.2955	1.16662
6700	0.8936	2.3559	4.6262	1.2333	5.052	1.1813	6.3112	1.16893
6800	0.9265	2.3964	4.6337	1.2327	5.096	1.1846	6.3275	1.17122
6900	0.9590	2.4365	4.6413	1.2323	5.140	1.1880	6.3446	1.17354
7000	0.9914	2.4764	4.6487	1.2323	5.184	1.1914	6.3623	1.17586
7100	1.0234	2.5158	4.6561	1.2321	5.228	1.1950	6.3807	1.17821
7200	1.0553	2.5551	4.6635	1.2315	5.272	1.1986	6.3996	1.18053
7300	1.0870	2.5942	4.6708	1.2313	5.316	1.2023	6.4191	1.18290
7400	1.1186	2.6331	4.6781	1.2309	5.360	1.2061	6.4392	1.18527
7500	1.1499	2.6716	4.6853	1.2317	5.406	1.2101	6.4596	1.18762
7600	1.1810	2.7099	4.6924	1.2328	5.454	1.2141	6.4808	1.19002
7700	1.2117	2.7478	4.6996	1.2332	5.500	1.2183	6.5024	1.19243
7800	1.2423	2.7856	4.7066	1.2334	5.546	1.2226	6.5242	1.19484

S/R= 34.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7900	1.2727	2.8230	4.7136	1.2349	5.595	1.2271	6.5466	1.19726
8000	1.3027	2.8602	4.7206	1.2361	5.644	1.2317	6.5696	1.19970
8100	1.3326	2.8971	4.7275	1.2374	5.693	1.2364	6.5925	1.20214
8200	1.3621	2.9336	4.7344	1.2392	5.743	1.2413	6.6161	1.20457
8300	1.3914	2.9699	4.7412	1.2407	5.793	1.2463	6.6396	1.20701
8400	1.4204	3.0059	4.7480	1.2419	5.843	1.2515	6.6636	1.20947
8500	1.4492	3.0417	4.7547	1.2432	5.893	1.2568	6.6879	1.21191
8600	1.4777	3.0772	4.7614	1.2459	5.947	1.2623	6.7121	1.21434
8700	1.5058	3.1123	4.7679	1.2492	6.003	1.2679	6.7364	1.21677
8800	1.5336	3.1470	4.7745	1.2518	6.057	1.2738	6.7612	1.21921
8900	1.5611	3.1815	4.7810	1.2542	6.112	1.2798	6.7861	1.22163
9000	1.5884	3.2157	4.7875	1.2570	6.168	1.2860	6.8111	1.22403
9100	1.6153	3.2496	4.7939	1.2598	6.225	1.2924	6.8364	1.22647
9200	1.6419	3.2832	4.8002	1.2626	6.282	1.2990	6.8616	1.22887
9300	1.6682	3.3164	4.8065	1.2661	6.341	1.3057	6.8867	1.23122
9400	1.6941	3.3493	4.8127	1.2696	6.401	1.3127	6.9121	1.23359
9500	1.7198	3.3819	4.8189	1.2732	6.461	1.3199	6.9378	1.23593
9600	1.7451	3.4142	4.8251	1.2779	6.525	1.3273	6.9634	1.23825
9700	1.7700	3.4461	4.8312	1.2823	6.589	1.3349	6.9891	1.24057
9800	1.7947	3.4778	4.8373	1.2856	6.651	1.3428	7.0151	1.24287
9900	1.8190	3.5091	4.8433	1.2892	6.714	1.3508	7.0409	1.24512
10000	1.8431	3.5401	4.8492	1.2931	6.779	1.3589	7.0664	1.24733
10100	1.8668	3.5709	4.8551	1.2978	6.846	1.3674	7.0923	1.24953
10200	1.8902	3.6013	4.8610	1.3030	6.915	1.3760	7.1182	1.25170
10300	1.9132	3.6314	4.8668	1.3075	6.984	1.3850	7.1445	1.25388
10400	1.9360	3.6612	4.8726	1.3129	7.055	1.3941	7.1707	1.25599
10500	1.9583	3.6906	4.8783	1.3179	7.127	1.4035	7.1970	1.25809
10600	1.9805	3.7199	4.8841	1.3224	7.197	1.4131	7.2235	1.26015
10700	2.0023	3.7487	4.8897	1.3270	7.269	1.4230	7.2501	1.26218
10800	2.0239	3.7774	4.8953	1.3318	7.342	1.4330	7.2765	1.26413
10900	2.0451	3.8058	4.9010	1.3371	7.417	1.4433	7.3035	1.26611
11000	2.0661	3.8338	4.9065	1.3419	7.491	1.4539	7.3305	1.26803
11100	2.0867	3.8616	4.9120	1.3468	7.567	1.4646	7.3573	1.26989
11200	2.1071	3.8891	4.9176	1.3511	7.641	1.4755	7.3848	1.27177
11300	2.1273	3.9163	4.9230	1.3554	7.716	1.4866	7.4117	1.27355
11400	2.1471	3.9433	4.9284	1.3584	7.788	1.4978	7.4391	1.27532
11500	2.1669	3.9703	4.9338	1.3623	7.864	1.5093	7.4669	1.27705
11600	2.1863	3.9967	4.9392	1.3657	7.938	1.5209	7.4944	1.27873

S/R= 34.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.6943	-6.1307	2.5417	1.4017	0.605	1.0000	3.4805	1.00000
200	-4.9449	-5.0803	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-4.5056	-4.4649	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-4.1917	-4.0261	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-3.9439	-3.6813	3.2440	1.3868	1.347	1.0000	3.5074	1.00000
600	-3.7365	-3.3948	3.3256	1.3760	1.469	1.0000	3.5270	1.00000
700	-3.5553	-3.1466	3.3955	1.3646	1.580	1.0000	3.5516	1.00000
800	-3.3939	-2.9273	3.4572	1.3543	1.683	1.0000	3.5817	1.00000
900	-3.2473	-2.7295	3.5121	1.3448	1.779	1.0000	3.6129	1.00000
1000	-3.1128	-2.5492	3.5619	1.3365	1.869	1.0000	3.6467	1.00000
1100	-2.9883	-2.3833	3.6071	1.3279	1.954	1.0000	3.6791	1.00000
1200	-2.8713	-2.2286	3.6488	1.3217	2.037	1.0000	3.7122	1.00000
1300	-2.7626	-2.0850	3.6874	1.3171	2.116	1.0000	3.7452	1.00000

S/R= 34.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1400	-2.6596	-1.9496	3.7234	1.3104	2.190	1.0000	3.7779	1.00000
1500	-2.5617	-1.8217	3.7570	1.3037	2.261	1.0000	3.8098	1.00001
1600	-2.4683	-1.7003	3.7888	1.2973	2.330	1.0000	3.8427	1.00002
1700	-2.3787	-1.5844	3.8188	1.2904	2.395	1.0001	3.8760	1.00006
1800	-2.2920	-1.4728	3.8474	1.2826	2.457	1.0001	3.9099	1.00015
1900	-2.2074	-1.3646	3.8750	1.2733	2.516	1.0003	3.9469	1.00032
2000	-2.1238	-1.2587	3.9017	1.2626	2.571	1.0007	3.9875	1.00064
2100	-2.0404	-1.1538	3.9279	1.2505	2.622	1.0012	4.0333	1.00117
2200	-1.9562	-1.0490	3.9538	1.2373	2.671	1.0020	4.0865	1.00201
2300	-1.8702	-0.9432	3.9795	1.2240	2.718	1.0033	4.1478	1.00326
2400	-1.7818	-0.8355	4.0054	1.2113	2.764	1.0050	4.2186	1.00498
2500	-1.6906	-0.7256	4.0314	1.1999	2.811	1.0073	4.2997	1.00727
2600	-1.5967	-0.6134	4.0574	1.1903	2.859	1.0102	4.3899	1.01016
2700	-1.5005	-0.4994	4.0834	1.1825	2.909	1.0137	4.4877	1.01363
2800	-1.4026	-0.3839	4.1093	1.1766	2.961	1.0177	4.5930	1.01769
2900	-1.3039	-0.2680	4.1347	1.1716	3.014	1.0223	4.7022	1.02225
3000	-1.2043	-0.1517	4.1597	1.1690	3.069	1.0273	4.8152	1.02721
3100	-1.1065	-0.0373	4.1839	1.1684	3.127	1.0327	4.9269	1.03256
3200	-1.0103	0.0750	4.2073	1.1681	3.186	1.0383	5.0364	1.03818
3300	-0.9164	0.1847	4.2297	1.1687	3.245	1.0442	5.1427	1.04398
3400	-0.8252	0.2914	4.2513	1.1701	3.305	1.0501	5.2454	1.04990
3500	-0.7370	0.3946	4.2718	1.1720	3.366	1.0561	5.3418	1.05587
3600	-0.6520	0.4943	4.2914	1.1745	3.427	1.0622	5.4334	1.06185
3700	-0.5706	0.5901	4.3100	1.1775	3.489	1.0682	5.5179	1.06777
3800	-0.4925	0.6821	4.3277	1.1808	3.550	1.0741	5.5971	1.07358
3900	-0.4180	0.7703	4.3446	1.1846	3.612	1.0799	5.6694	1.07923
4000	-0.3469	0.8547	4.3606	1.1885	3.674	1.0855	5.7348	1.08481
4100	-0.2791	0.9354	4.3758	1.1925	3.735	1.0910	5.7949	1.09018
4200	-0.2145	1.0125	4.3903	1.1962	3.795	1.0963	5.8487	1.09534
4300	-0.1530	1.0862	4.4041	1.2000	3.855	1.1014	5.8975	1.10030
4400	-0.0945	1.1566	4.4173	1.2041	3.915	1.1063	5.9402	1.10504
4500	-0.0385	1.2240	4.4298	1.2084	3.975	1.1110	5.9791	1.10959
4600	0.0148	1.2886	4.4418	1.2130	4.034	1.1155	6.0128	1.11392
4700	0.0659	1.3507	4.4533	1.2171	4.093	1.1198	6.0428	1.11803
4800	0.1148	1.4104	4.4644	1.2209	4.150	1.1239	6.0694	1.12194
4900	0.1618	1.4677	4.4750	1.2181	4.196	1.1278	6.0930	1.12567
5000	0.2093	1.5255	4.4857	1.2200	4.248	1.1313	6.1198	1.12876
5100	0.2532	1.5793	4.4956	1.2293	4.313	1.1349	6.1387	1.13413
5200	0.2953	1.6312	4.5052	1.2338	4.370	1.1383	6.1552	1.07995
5300	0.3358	1.6812	4.5145	1.2378	4.426	1.1417	6.1696	1.13838
5400	0.3750	1.7298	4.5235	1.2420	4.481	1.1450	6.1819	1.14136
5500	0.4127	1.7767	4.5322	1.2436	4.532	1.1483	6.1927	1.14423
5600	0.4499	1.8230	4.5408	1.2392	4.571	1.1516	6.2035	1.14703
5700	0.4875	1.8694	4.5494	1.2318	4.604	1.1547	6.2165	1.14962
5800	0.5255	1.9161	4.5581	1.2222	4.632	1.1576	6.2327	1.15208
5900	0.5645	1.9636	4.5669	1.2103	4.655	1.1604	6.2528	1.15436
6000	0.6049	2.0121	4.5759	1.2483	4.773	1.1629	6.2772	1.15647
6100	0.6327	2.0487	4.5826	1.2699	4.860	1.1662	6.2707	1.15940
6200	0.6673	2.0914	4.5906	1.2353	4.839	1.1692	6.2838	1.16180
6300	0.7017	2.1339	4.5985	1.2336	4.881	1.1722	6.2977	1.16418
6400	0.7359	2.1760	4.6063	1.2325	4.923	1.1752	6.3118	1.16653
6500	0.7697	2.2177	4.6141	1.2320	4.967	1.1783	6.3270	1.16888
6600	0.8033	2.2591	4.6218	1.2312	5.010	1.1814	6.3428	1.17126
6700	0.8366	2.3001	4.6295	1.2297	5.052	1.1846	6.3592	1.17362
6800	0.8700	2.3410	4.6371	1.2290	5.095	1.1878	6.3762	1.17597

S/R= 34.2

T	LOG(RHO)	LJG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6900	0.9029	2.3815	4.6446	1.2285	5.138	1.1911	6.3941	1.17836
7000	0.9358	2.4219	4.6521	1.2283	5.182	1.1945	6.4126	1.18076
7100	0.9682	2.4618	4.6596	1.2281	5.227	1.1980	6.4319	1.18319
7200	1.0007	2.5016	4.6670	1.2274	5.270	1.2016	6.4517	1.18560
7300	1.0328	2.5411	4.6744	1.2268	5.313	1.2053	6.4721	1.18805
7400	1.0650	2.5805	4.6817	1.2263	5.356	1.2090	6.4930	1.19050
7500	1.0968	2.6195	4.6889	1.2270	5.403	1.2129	6.5143	1.19295
7600	1.1284	2.6583	4.6962	1.2282	5.450	1.2169	6.5364	1.19544
7700	1.1596	2.6967	4.7033	1.2287	5.496	1.2210	6.5588	1.19795
7800	1.1908	2.7350	4.7104	1.2288	5.542	1.2253	6.5816	1.20046
7900	1.2216	2.7729	4.7175	1.2298	5.589	1.2296	6.6048	1.20298
8000	1.2522	2.8105	4.7245	1.2307	5.637	1.2341	6.6286	1.20553
8100	1.2826	2.8479	4.7315	1.2319	5.685	1.2387	6.6524	1.20807
8200	1.3126	2.8849	4.7384	1.2336	5.735	1.2435	6.6766	1.21060
8300	1.3424	2.9216	4.7452	1.2353	5.785	1.2484	6.7009	1.21315
8400	1.3718	2.9581	4.7520	1.2368	5.835	1.2535	6.7257	1.21571
8500	1.4011	2.9943	4.7588	1.2377	5.884	1.2587	6.7506	1.21826
8600	1.4302	3.0303	4.7654	1.2398	5.937	1.2640	6.7754	1.22080
8700	1.4587	3.0657	4.7721	1.2428	5.991	1.2695	6.8003	1.22333
8800	1.4870	3.1009	4.7786	1.2452	6.045	1.2752	6.8257	1.22588
8900	1.5149	3.1357	4.7852	1.2474	6.098	1.2810	6.8512	1.22840
9000	1.5426	3.1703	4.7915	1.2504	6.154	1.2870	6.8766	1.23092
9100	1.5700	3.2046	4.7980	1.2536	6.211	1.2933	6.9024	1.23346
9200	1.5970	3.2385	4.8044	1.2560	6.267	1.2997	6.9282	1.23596
9300	1.6237	3.2721	4.8107	1.2587	6.323	1.3061	6.9535	1.23842
9400	1.6501	3.3053	4.8169	1.2620	6.382	1.3129	6.9793	1.24090
9500	1.6762	3.3383	4.8232	1.2653	6.441	1.3198	7.0053	1.24334
9600	1.7020	3.3709	4.8293	1.2697	6.503	1.3269	7.0311	1.24577
9700	1.7273	3.4031	4.8354	1.2739	6.566	1.3342	7.0570	1.24819
9800	1.7523	3.4351	4.8415	1.2777	6.628	1.3418	7.0831	1.25059
9900	1.7770	3.4667	4.8474	1.2817	6.692	1.3495	7.1090	1.25294
10000	1.8014	3.4980	4.8534	1.2848	6.753	1.3574	7.1348	1.25526
10100	1.8256	3.5290	4.8593	1.2886	6.817	1.3655	7.1608	1.25756
10200	1.8493	3.5597	4.8651	1.2937	6.885	1.3738	7.1866	1.25983
10300	1.8727	3.5901	4.8709	1.2980	6.952	1.3824	7.2129	1.26211
10400	1.8959	3.6201	4.8767	1.3032	7.022	1.3912	7.2390	1.26432
10500	1.9185	3.6497	4.8824	1.3080	7.091	1.4001	7.2651	1.26652
10600	1.9411	3.6793	4.8881	1.3125	7.161	1.4094	7.2914	1.26868
10700	1.9632	3.7084	4.8938	1.3170	7.231	1.4188	7.3179	1.27080
10800	1.9851	3.7372	4.8994	1.3217	7.302	1.4285	7.3439	1.27285
10900	2.0066	3.7658	4.9049	1.3270	7.376	1.4384	7.3707	1.27493
11000	2.0279	3.7941	4.9105	1.3318	7.449	1.4485	7.3973	1.27694
11100	2.0489	3.8220	4.9160	1.3369	7.524	1.4588	7.4239	1.27890
11200	2.0695	3.8497	4.9214	1.3412	7.597	1.4694	7.4510	1.28087
11300	2.0899	3.8771	4.9268	1.3456	7.671	1.4800	7.4775	1.28275
11400	2.1100	3.9042	4.9322	1.3489	7.743	1.4909	7.5047	1.28461
11500	2.1301	3.9313	4.9376	1.3530	7.818	1.5020	7.5321	1.28644
11600	2.1497	3.9579	4.9429	1.3564	7.891	1.5132	7.5592	1.28822
11700	2.1693	3.9844	4.9482	1.3592	7.962	1.5246	7.5865	1.28992
11800	2.1885	4.0107	4.9535	1.3619	8.034	1.5360	7.6141	1.29163

S/R= 34.4

T	LOG(RHO)	LJG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.7813	-6.2177	2.5417	1.4016	0.605	1.0000	3.4806	1.00000

S/R= 34.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-5.0317	-5.1671	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-4.5926	-4.5519	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-4.2787	-4.1130	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-4.0308	-3.7682	3.2440	1.3868	1.347	1.0000	3.5074	1.00000
600	-3.8234	-3.4817	3.3256	1.3760	1.469	1.0000	3.5270	1.00000
700	-3.6422	-3.2335	3.3955	1.3647	1.581	1.0000	3.5516	1.00000
800	-3.4809	-3.0142	3.4572	1.3542	1.683	1.0000	3.5817	1.00000
900	-3.3340	-2.8162	3.5121	1.3445	1.779	1.0000	3.6129	1.00000
1000	-3.1996	-2.6360	3.5619	1.3365	1.870	1.0000	3.6467	1.00000
1100	-3.0751	-2.4701	3.6071	1.3282	1.955	1.0000	3.6791	1.00000
1200	-2.9583	-2.3155	3.6488	1.3216	2.036	1.0000	3.7122	1.00000
1300	-2.8495	-2.1719	3.6874	1.3165	2.116	1.0000	3.7452	1.00000
1400	-2.7465	-2.0367	3.7234	1.3106	2.190	1.0000	3.7779	1.00000
1500	-2.6485	-1.9086	3.7570	1.3041	2.262	1.0000	3.8098	1.00001
1600	-2.5551	-1.7872	3.7888	1.2971	2.330	1.0000	3.8428	1.00003
1700	-2.4655	-1.6712	3.8189	1.2901	2.395	1.0001	3.8762	1.00006
1800	-2.3786	-1.5594	3.8475	1.2820	2.457	1.0002	3.9105	1.00016
1900	-2.2937	-1.4510	3.8751	1.2724	2.515	1.0004	3.9480	1.00035
2000	-2.2098	-1.3446	3.9020	1.2612	2.569	1.0007	3.9897	1.00071
2100	-2.1257	-1.2391	3.9283	1.2484	2.620	1.0013	4.0368	1.00129
2200	-2.0405	-1.1332	3.9544	1.2347	2.668	1.0022	4.0925	1.00222
2300	-1.9531	-1.0260	3.9804	1.2209	2.715	1.0036	4.1564	1.00358
2400	-1.8631	-0.9166	4.0066	1.2079	2.761	1.0055	4.2308	1.00547
2500	-1.7699	-0.8046	4.0331	1.1964	2.808	1.0080	4.3164	1.00795
2600	-1.6738	-0.6901	4.0596	1.1869	2.856	1.0111	4.4114	1.01108
2700	-1.5752	-0.5736	4.0859	1.1793	2.907	1.0149	4.5142	1.01482
2800	-1.4750	-0.4557	4.1122	1.1736	2.959	1.0192	4.6247	1.01915
2900	-1.3740	-0.3374	4.1381	1.1691	3.013	1.0241	4.7387	1.02400
3000	-1.2723	-0.2188	4.1634	1.1667	3.069	1.0293	4.8563	1.02926
3100	-1.1726	-0.1024	4.1879	1.1663	3.128	1.0350	4.9721	1.03488
3200	-1.0746	0.0118	4.2114	1.1663	3.187	1.0409	5.0850	1.04078
3300	-0.9792	0.1231	4.2340	1.1672	3.247	1.0470	5.1944	1.04682
3400	-0.8867	0.2312	4.2557	1.1688	3.308	1.0532	5.2995	1.05299
3500	-0.7974	0.3356	4.2763	1.1710	3.370	1.0594	5.3979	1.05917
3600	-0.7116	0.4362	4.2959	1.1737	3.431	1.0656	5.4904	1.06535
3700	-0.6294	0.5328	4.3146	1.1769	3.493	1.0718	5.5765	1.07144
3800	-0.5509	0.6253	4.3323	1.1803	3.556	1.0778	5.6563	1.07741
3900	-0.4759	0.7139	4.3491	1.1842	3.618	1.0838	5.7288	1.08325
4000	-0.4046	0.7985	4.3651	1.1884	3.680	1.0895	5.7943	1.08889
4100	-0.3367	0.8794	4.3802	1.1927	3.742	1.0951	5.8539	1.09435
4200	-0.2721	0.9566	4.3946	1.1970	3.803	1.1004	5.9072	1.09960
4300	-0.2107	1.0302	4.4084	1.2010	3.864	1.1056	5.9552	1.10461
4400	-0.1522	1.1005	4.4214	1.2048	3.924	1.1105	5.9970	1.10940
4500	-0.0965	1.1678	4.4339	1.2089	3.983	1.1152	6.0348	1.11398
4600	-0.0434	1.2321	4.4458	1.2134	4.043	1.1198	6.0673	1.11832
4700	0.0074	1.2939	4.4571	1.2175	4.101	1.1241	6.0960	1.12245
4800	0.0561	1.3533	4.4681	1.2214	4.159	1.1281	6.1214	1.12636
4900	0.1028	1.4104	4.4786	1.2184	4.204	1.1320	6.1440	1.13007
5000	0.1502	1.4679	4.4892	1.2205	4.257	1.1354	6.1695	1.13316
5100	0.1938	1.5215	4.4991	1.2298	4.322	1.1389	6.1873	1.13755
5200	0.2358	1.5732	4.5086	1.2337	4.377	1.1423	6.2029	1.12052
5300	0.2762	1.5231	4.5178	1.2372	4.432	1.1456	6.2165	1.14272
5400	0.3154	1.6716	4.5268	1.2410	4.487	1.1489	6.2284	1.14568
5500	0.3532	1.7186	4.5355	1.2425	4.538	1.1521	6.2388	1.14853
5600	0.3905	1.7650	4.5440	1.2384	4.577	1.1553	6.2495	1.15132

S/R= 34.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5700	0.4281	1.8114	4.5526	1.2315	4.611	1.1584	6.2620	1.15392
5800	0.4660	1.8580	4.5612	1.2221	4.640	1.1613	6.2776	1.15639
5900	0.5050	1.9053	4.5700	1.2104	4.662	1.1640	6.2970	1.15870
6000	0.5452	1.9538	4.5789	1.2454	4.774	1.1665	6.3205	1.16085
6100	0.5738	1.9911	4.5858	1.2647	4.858	1.1698	6.3158	1.16377
6200	0.6087	2.0341	4.5937	1.2327	4.841	1.1727	6.3293	1.16619
6300	0.6434	2.0769	4.6017	1.2308	4.882	1.1756	6.3436	1.16861
6400	0.6780	2.1194	4.6095	1.2295	4.925	1.1786	6.3583	1.17100
6500	0.7122	2.1614	4.6173	1.2289	4.968	1.1816	6.3740	1.17341
6600	0.7462	2.2032	4.6251	1.2280	5.011	1.1848	6.3906	1.17584
6700	0.7800	2.2447	4.6328	1.2263	5.052	1.1879	6.4078	1.17827
6800	0.8138	2.2861	4.6404	1.2254	5.095	1.1911	6.4256	1.18069
6900	0.8471	2.3270	4.6480	1.2247	5.138	1.1944	6.4443	1.18315
7000	0.8806	2.3679	4.6556	1.2243	5.181	1.1978	6.4639	1.18562
7100	0.9135	2.4083	4.6631	1.2242	5.225	1.2012	6.4840	1.18813
7200	0.9465	2.4486	4.6706	1.2235	5.268	1.2048	6.5048	1.19063
7300	0.9792	2.4886	4.6780	1.2229	5.311	1.2085	6.5261	1.19318
7400	1.0118	2.5285	4.6853	1.2221	5.354	1.2122	6.5480	1.19572
7500	1.0442	2.5680	4.6926	1.2226	5.400	1.2160	6.5703	1.19826
7600	1.0763	2.6073	4.6999	1.2236	5.447	1.2200	6.5933	1.20086
7700	1.1081	2.6462	4.7071	1.2241	5.493	1.2240	6.6167	1.20346
7800	1.1397	2.6850	4.7143	1.2244	5.538	1.2282	6.6404	1.20607
7900	1.1711	2.7234	4.7214	1.2255	5.586	1.2326	6.6646	1.20871
8000	1.2022	2.7615	4.7285	1.2261	5.633	1.2370	6.6892	1.21136
8100	1.2331	2.7994	4.7355	1.2269	5.680	1.2415	6.7139	1.21401
8200	1.2636	2.8369	4.7424	1.2283	5.729	1.2462	6.7389	1.21665
8300	1.2939	2.8741	4.7493	1.2300	5.779	1.2510	6.7640	1.21930
8400	1.3239	2.9110	4.7561	1.2314	5.829	1.2559	6.7895	1.22197
8500	1.3536	2.9476	4.7629	1.2326	5.878	1.2611	6.8152	1.22463
8600	1.3831	2.9840	4.7696	1.2348	5.930	1.2663	6.8408	1.22728
8700	1.4121	3.0199	4.7762	1.2374	5.983	1.2717	6.8662	1.22991
8800	1.4408	3.0554	4.7828	1.2391	6.035	1.2772	6.8922	1.23258
8900	1.4693	3.0907	4.7894	1.2411	6.087	1.2828	6.9183	1.23521
9000	1.4974	3.1257	4.7959	1.2440	6.143	1.2887	6.9442	1.23783
9100	1.5253	3.1603	4.8023	1.2471	6.199	1.2947	6.9705	1.24048
9200	1.5527	3.1946	4.8087	1.2499	6.254	1.3009	6.9966	1.24309
9300	1.5798	3.2285	4.8150	1.2529	6.311	1.3073	7.0225	1.24565
9400	1.6066	3.2621	4.8212	1.2555	6.368	1.3138	7.0486	1.24824
9500	1.6331	3.2954	4.8275	1.2581	6.424	1.3205	7.0750	1.25079
9600	1.6593	3.3284	4.8336	1.2621	6.485	1.3274	7.1011	1.25332
9700	1.6849	3.3609	4.8397	1.2661	6.546	1.3344	7.1272	1.25584
9800	1.7104	3.3931	4.8457	1.2697	6.607	1.3417	7.1535	1.25835
9900	1.7355	3.4250	4.8517	1.2737	6.670	1.3491	7.1795	1.26081
10000	1.7602	3.4566	4.8577	1.2774	6.732	1.3568	7.2054	1.26322
10100	1.7847	3.4879	4.8636	1.2813	6.796	1.3647	7.2316	1.26563
10200	1.8088	3.5188	4.8694	1.2855	6.861	1.3727	7.2576	1.26800
10300	1.8326	3.5495	4.8752	1.2892	6.925	1.3809	7.2838	1.27038
10400	1.8561	3.5798	4.8809	1.2942	6.993	1.3893	7.3098	1.27269
10500	1.8791	3.6096	4.8866	1.2988	7.061	1.3979	7.3358	1.27499
10600	1.9020	3.6394	4.8923	1.3031	7.128	1.4068	7.3621	1.27725
10700	1.9244	3.6687	4.8979	1.3075	7.197	1.4159	7.3883	1.27947
10800	1.9466	3.6978	4.9035	1.3121	7.267	1.4251	7.4141	1.28162
10900	1.9685	3.7265	4.9090	1.3174	7.340	1.4347	7.4405	1.28379
11000	1.9901	3.7550	4.9145	1.3221	7.412	1.4444	7.4670	1.28590
11100	2.0113	3.7831	4.9200	1.3272	7.485	1.4543	7.4932	1.28796

S/R= 34.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11200	2.0323	3.8110	4.9254	1.3317	7.558	1.4645	7.5200	1.29002
11300	2.0529	3.8385	4.9308	1.3362	7.631	1.4747	7.5462	1.29199
11400	2.0733	3.8658	4.9362	1.3396	7.701	1.4852	7.5729	1.29395
11500	2.0936	3.8930	4.9415	1.3440	7.776	1.4960	7.6000	1.29588
11600	2.1134	3.9197	4.9468	1.3476	7.848	1.5067	7.6266	1.29775
11700	2.1332	3.9464	4.9520	1.3506	7.919	1.5178	7.6535	1.29955
11800	2.1527	3.9727	4.9573	1.3543	7.993	1.5289	7.6807	1.30135
11900	2.1720	3.9990	4.9625	1.3570	8.065	1.5402	7.7083	1.30311
12000	2.1910	4.0248	4.9677	1.3589	8.134	1.5515	7.7354	1.30479

S/R= 34.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.8681	-6.3045	2.5417	1.4017	0.605	1.0000	3.4806	1.00000
200	-5.1187	-5.2541	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-4.6794	-4.6387	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-4.3657	-4.2000	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-4.1176	-3.8550	3.2440	1.3866	1.346	1.0000	3.5074	1.00000
600	-3.9102	-3.5684	3.3256	1.3763	1.469	1.0000	3.5270	1.00000
700	-3.7291	-3.3204	3.3955	1.3649	1.581	1.0000	3.5516	1.00000
800	-3.5678	-3.1011	3.4572	1.3540	1.683	1.0000	3.5817	1.00000
900	-3.4209	-2.9030	3.5121	1.3445	1.779	1.0000	3.6129	1.00000
1000	-3.2865	-2.7229	3.5619	1.3365	1.869	1.0000	3.6467	1.00000
1100	-3.1618	-2.5568	3.6071	1.3281	1.955	1.0000	3.6791	1.00000
1200	-3.0451	-2.4024	3.6488	1.3216	2.036	1.0000	3.7122	1.00000
1300	-2.9362	-2.2587	3.6874	1.3161	2.115	1.0000	3.7452	1.00000
1400	-2.8334	-2.1237	3.7234	1.3107	2.191	1.0000	3.7779	1.00000
1500	-2.7353	-1.9954	3.7570	1.3044	2.262	1.0000	3.8099	1.00001
1600	-2.6420	-1.8740	3.7888	1.2970	2.330	1.0000	3.8429	1.00003
1700	-2.5522	-1.7579	3.8189	1.2898	2.395	1.0001	3.8765	1.00007
1800	-2.4652	-1.6460	3.8476	1.2813	2.456	1.0002	3.9110	1.00018
1900	-2.3800	-1.5373	3.8753	1.2713	2.514	1.0004	3.9492	1.00039
2000	-2.2956	-1.4304	3.9022	1.2596	2.568	1.0008	3.9919	1.00078
2100	-2.2108	-1.3241	3.9287	1.2461	2.618	1.0014	4.0407	1.00143
2200	-2.1245	-1.2172	3.9551	1.2319	2.665	1.0025	4.0988	1.00245
2300	-2.0358	-1.1085	3.9814	1.2177	2.712	1.0039	4.1558	1.00394
2400	-1.9439	-0.9972	4.0080	1.2045	2.758	1.0060	4.2442	1.00599
2500	-1.8486	-0.8830	4.0349	1.1929	2.805	1.0087	4.3344	1.00869
2600	-1.7501	-0.7661	4.0618	1.1835	2.854	1.0121	4.4345	1.01207
2700	-1.6492	-0.6470	4.0887	1.1762	2.905	1.0161	4.5427	1.01608
2800	-1.5465	-0.5265	4.1154	1.1708	2.958	1.0207	4.6583	1.02070
2900	-1.4431	-0.4058	4.1416	1.1666	3.013	1.0259	4.7774	1.02585
3000	-1.3393	-0.2849	4.1673	1.1645	3.070	1.0315	4.8994	1.03140
3100	-1.2376	-0.1665	4.1920	1.1644	3.129	1.0374	5.0192	1.03731
3200	-1.1380	-0.0504	4.2157	1.1647	3.189	1.0436	5.1357	1.04348
3300	-1.0411	0.0624	4.2385	1.1658	3.250	1.0499	5.2480	1.04978
3400	-0.9473	0.1719	4.2603	1.1676	3.312	1.0563	5.3555	1.05618
3500	-0.8570	0.2773	4.2809	1.1700	3.374	1.0628	5.4555	1.06258
3600	-0.7704	0.3789	4.3006	1.1729	3.436	1.0692	5.5500	1.06895
3700	-0.6876	0.4761	4.3192	1.1763	3.499	1.0755	5.6364	1.07520
3800	-0.6086	0.5691	4.3369	1.1800	3.561	1.0817	5.7167	1.08132
3900	-0.5334	0.6581	4.3537	1.1841	3.624	1.0877	5.7893	1.08728
4000	-0.4619	0.7429	4.3695	1.1884	3.687	1.0936	5.8544	1.09303
4100	-0.3939	0.8238	4.3846	1.1929	3.750	1.0992	5.9135	1.09857
4200	-0.3293	0.9010	4.3989	1.1976	3.812	1.1046	5.9660	1.10388

S/R= 34.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4300	-0.2680	0.9745	4.4126	1.2021	3.873	1.1098	6.0130	1.10894
4400	-0.2098	1.0447	4.4255	1.2060	3.933	1.1147	6.0538	1.11376
4500	-0.1542	1.1118	4.4379	1.2098	3.992	1.1195	6.0904	1.11836
4600	-0.1014	1.1758	4.4495	1.2142	4.052	1.1240	6.1215	1.12271
4700	-0.0509	1.2373	4.4609	1.2181	4.110	1.1283	6.1490	1.12684
4800	-0.0025	1.2963	4.4717	1.2218	4.167	1.1323	6.1731	1.13073
4900	0.0440	1.3532	4.4822	1.2186	4.212	1.1361	6.1944	1.13443
5000	0.0910	1.4102	4.4927	1.2208	4.265	1.1395	6.2186	1.13750
5100	0.1344	1.4636	4.5024	1.2304	4.331	1.1429	6.2352	1.14749
5200	0.1762	1.5151	4.5119	1.2337	4.385	1.1463	6.2500	1.14772
5300	0.2166	1.5650	4.5211	1.2366	4.439	1.1495	6.2630	1.14699
5400	0.2558	1.6135	4.5300	1.2399	4.493	1.1527	6.2744	1.14992
5500	0.2937	1.6606	4.5385	1.2413	4.543	1.1559	6.2845	1.15275
5600	0.3311	1.7070	4.5472	1.2375	4.583	1.1590	6.2949	1.15552
5700	0.3687	1.7534	4.5557	1.2311	4.618	1.1621	6.3071	1.15812
5800	0.4066	1.7999	4.5643	1.2220	4.647	1.1649	6.3222	1.16061
5900	0.4455	1.8472	4.5730	1.2107	4.670	1.1676	6.3410	1.16295
6000	0.4856	1.8955	4.5819	1.2422	4.775	1.1701	6.3639	1.16515
6100	0.5151	1.9337	4.5888	1.2593	4.855	1.1733	6.3608	1.16805
6200	0.5503	1.9770	4.5969	1.2302	4.844	1.1762	6.3748	1.17051
6300	0.5853	2.0201	4.6048	1.2280	4.884	1.1791	6.3898	1.17297
6400	0.6203	2.0630	4.6127	1.2264	4.926	1.1821	6.4051	1.17542
6500	0.6549	2.1055	4.6206	1.2258	4.969	1.1851	6.4215	1.17787
6600	0.6894	2.1477	4.6284	1.2247	5.012	1.1882	6.4389	1.18036
6700	0.7236	2.1896	4.6361	1.2229	5.052	1.1913	6.4569	1.18286
6800	0.7579	2.2315	4.6438	1.2221	5.095	1.1946	6.4758	1.18535
6900	0.7918	2.2729	4.6515	1.2212	5.137	1.1979	6.4954	1.18790
7000	0.8259	2.3143	4.6591	1.2205	5.180	1.2012	6.5159	1.19045
7100	0.8593	2.3552	4.6666	1.2203	5.224	1.2047	6.5372	1.19305
7200	0.8927	2.3961	4.6742	1.2196	5.267	1.2082	6.5589	1.19564
7300	0.9260	2.4366	4.6815	1.2190	5.310	1.2119	6.5813	1.19829
7400	0.9592	2.4771	4.6891	1.2183	5.353	1.2156	6.6043	1.20092
7500	0.9921	2.5171	4.6964	1.2187	5.399	1.2194	6.6276	1.20357
7600	1.0247	2.5569	4.7037	1.2195	5.445	1.2233	6.6516	1.20626
7700	1.0570	2.5964	4.7110	1.2197	5.490	1.2274	6.6760	1.20897
7800	1.0893	2.6356	4.7182	1.2200	5.536	1.2315	6.7007	1.21169
7900	1.1212	2.6746	4.7254	1.2211	5.583	1.2358	6.7258	1.21443
8000	1.1528	2.7132	4.7325	1.2219	5.630	1.2402	6.7514	1.21720
8100	1.1841	2.7515	4.7395	1.2228	5.678	1.2447	6.7770	1.21995
8200	1.2152	2.7895	4.7465	1.2238	5.726	1.2493	6.8029	1.22270
8300	1.2460	2.8272	4.7534	1.2250	5.774	1.2540	6.8288	1.22546
8400	1.2764	2.8646	4.7603	1.2264	5.824	1.2589	6.8551	1.22825
8500	1.3067	2.9017	4.7671	1.2276	5.872	1.2639	6.8816	1.23102
8600	1.3367	2.9385	4.7738	1.2298	5.924	1.2690	6.9078	1.23378
8700	1.3661	2.9748	4.7805	1.2327	5.978	1.2743	6.9340	1.23653
8800	1.3953	3.0107	4.7871	1.2342	6.029	1.2797	6.9607	1.23930
8900	1.4242	3.0464	4.7937	1.2356	6.080	1.2853	6.9874	1.24204
9000	1.4528	3.0818	4.8002	1.2382	6.133	1.2909	7.0138	1.24477
9100	1.4810	3.1168	4.8067	1.2410	6.189	1.2968	7.0406	1.24753
9200	1.5089	3.1514	4.8130	1.2437	6.244	1.3028	7.0672	1.25025
9300	1.5364	3.1857	4.8193	1.2468	6.300	1.3090	7.0934	1.25292
9400	1.5636	3.2196	4.8256	1.2498	6.357	1.3154	7.1200	1.25562
9500	1.5905	3.2532	4.8318	1.2523	6.413	1.3219	7.1468	1.25828
9600	1.6170	3.2865	4.8380	1.2556	6.471	1.3286	7.1732	1.26091
9700	1.6431	3.3193	4.8441	1.2591	6.531	1.3354	7.1995	1.26354



S/R= 34.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9800	1.6689	3.3519	4.8501	1.2625	6.590	1.3424	7.2261	1.26615
9900	1.6944	3.3841	4.8561	1.2663	6.651	1.3496	7.2523	1.26871
10000	1.7195	3.4159	4.8620	1.2698	6.712	1.3570	7.2783	1.27123
10100	1.7444	3.4475	4.8679	1.2739	6.776	1.3646	7.3045	1.27374
10200	1.7687	3.4787	4.8737	1.2786	6.841	1.3723	7.3306	1.27621
10300	1.7929	3.5096	4.8795	1.2820	6.904	1.3804	7.3571	1.27869
10400	1.8167	3.5401	4.8853	1.2860	6.969	1.3885	7.3831	1.28111
10500	1.8400	3.5702	4.8910	1.2902	7.034	1.3968	7.4090	1.28350
10600	1.8632	3.6002	4.8966	1.2944	7.101	1.4053	7.4352	1.28586
10700	1.8860	3.6297	4.9022	1.2987	7.168	1.4140	7.4612	1.28819
10800	1.9085	3.6590	4.9077	1.3031	7.237	1.4229	7.4868	1.29043
10900	1.9307	3.6879	4.9132	1.3083	7.308	1.4321	7.5131	1.29270
11000	1.9526	3.7166	4.9187	1.3130	7.378	1.4414	7.5392	1.29491
11100	1.9741	3.7449	4.9241	1.3180	7.450	1.4509	7.5651	1.29706
11200	1.9953	3.7729	4.9296	1.3225	7.522	1.4607	7.5917	1.29922
11300	2.0162	3.8006	4.9349	1.3271	7.594	1.4706	7.6175	1.30128
11400	2.0368	3.8280	4.9402	1.3307	7.664	1.4807	7.6438	1.30334
11500	2.0574	3.8554	4.9455	1.3350	7.737	1.4911	7.6704	1.30536
11600	2.0774	3.8822	4.9508	1.3389	7.809	1.5015	7.6967	1.30732
11700	2.0974	3.9091	4.9560	1.3422	7.880	1.5122	7.7232	1.30921
11800	2.1171	3.9355	4.9612	1.3462	7.954	1.5229	7.7499	1.31111
11900	2.1366	3.9618	4.9664	1.3492	8.025	1.5339	7.7771	1.31296
12000	2.1558	3.9877	4.9715	1.3516	8.094	1.5449	7.8037	1.31473
12100	2.1749	4.0135	4.9766	1.3533	8.163	1.5560	7.8308	1.31647
12200	2.1938	4.0391	4.9817	1.3546	8.230	1.5672	7.8581	1.31817

S/R= 34.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.9549	-6.3913	2.5417	1.4018	0.605	1.0000	3.4806	1.00000
200	-5.2056	-5.3410	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-4.7661	-4.7254	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-4.4525	-4.2868	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-4.2043	-3.9418	3.2440	1.3866	1.346	1.0000	3.5074	1.00000
600	-3.9970	-3.6552	3.3256	1.3764	1.470	1.0000	3.5270	1.00000
700	-3.8160	-3.4073	3.3955	1.3650	1.581	1.0000	3.5516	1.00000
800	-3.6547	-3.1880	3.4572	1.3541	1.683	1.0000	3.5817	1.00000
900	-3.5078	-2.9900	3.5121	1.3446	1.779	1.0000	3.6129	1.00000
1000	-3.3735	-2.8099	3.5619	1.3363	1.869	1.0000	3.6467	1.00000
1100	-3.2487	-2.6437	3.6071	1.3279	1.954	1.0000	3.6791	1.00000
1200	-3.1319	-2.4891	3.6488	1.3214	2.036	1.0000	3.7122	1.00000
1300	-3.0230	-2.3454	3.6874	1.3161	2.115	1.0000	3.7452	1.00000
1400	-2.9202	-2.2104	3.7234	1.3108	2.191	1.0000	3.7779	1.00000
1500	-2.8222	-2.0822	3.7570	1.3045	2.262	1.0000	3.8099	1.00001
1600	-2.7288	-1.9608	3.7888	1.2968	2.329	1.0000	3.8430	1.00003
1700	-2.6389	-1.8446	3.8189	1.2895	2.394	1.0001	3.8768	1.00008
1800	-2.5518	-1.7326	3.8476	1.2806	2.455	1.0002	3.9117	1.00020
1900	-2.4663	-1.6235	3.8754	1.2702	2.513	1.0004	3.9505	1.00043
2000	-2.3814	-1.5161	3.9025	1.2578	2.566	1.0009	3.9944	1.00086
2100	-2.2958	-1.4090	3.9291	1.2438	2.616	1.0016	4.0449	1.00157
2200	-2.2083	-1.3009	3.9558	1.2289	2.663	1.0027	4.1056	1.00269
2300	-2.1180	-1.1905	3.9825	1.2143	2.708	1.0043	4.1761	1.00432
2400	-2.0241	-1.0772	4.0095	1.2009	2.754	1.0066	4.2588	1.00657
2500	-1.9266	-0.9607	4.0368	1.1894	2.802	1.0095	4.3539	1.00949
2600	-1.8257	-0.8412	4.0642	1.1802	2.851	1.0131	4.4593	1.01313

S/R= 34.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2700	-1.7222	-0.7195	4.0916	1.1731	2.903	1.0175	4.5730	1.01743
2800	-1.6170	-0.5964	4.1187	1.1680	2.957	1.0224	4.6940	1.02235
2900	-1.5113	-0.4731	4.1453	1.1642	3.012	1.0278	4.8181	1.02780
3000	-1.4054	-0.3500	4.1713	1.1624	3.070	1.0337	4.9447	1.03366
3100	-1.3017	-0.2295	4.1962	1.1625	3.131	1.0399	5.0685	1.03985
3200	-1.2004	-0.1117	4.2202	1.1631	3.191	1.0464	5.1884	1.04629
3300	-1.1021	0.0027	4.2431	1.1644	3.253	1.0530	5.3034	1.05284
3400	-1.0071	0.1134	4.2649	1.1665	3.315	1.0596	5.4131	1.05946
3500	-0.9159	0.2199	4.2856	1.1692	3.378	1.0663	5.5149	1.06607
3600	-0.8285	0.3222	4.3053	1.1723	3.441	1.0729	5.6104	1.07263
3700	-0.7451	0.4201	4.3239	1.1759	3.504	1.0793	5.6975	1.07904
3800	-0.6658	0.5136	4.3416	1.1798	3.568	1.0856	5.7780	1.08529
3900	-0.5903	0.6027	4.3583	1.1841	3.631	1.0918	5.8505	1.09136
4000	-0.5187	0.6877	4.3740	1.1886	3.694	1.0977	5.9152	1.09721
4100	-0.4507	0.7686	4.3890	1.1932	3.757	1.1034	5.9736	1.10283
4200	-0.3863	0.8457	4.4032	1.1981	3.820	1.1088	6.0252	1.10819
4300	-0.3252	0.9191	4.4167	1.2029	3.882	1.1140	6.0710	1.11328
4400	-0.2672	0.9890	4.4295	1.2073	3.943	1.1190	6.1105	1.11813
4500	-0.2119	1.0558	4.4418	1.2113	4.002	1.1237	6.1458	1.12273
4600	-0.1593	1.1196	4.4534	1.2153	4.061	1.1282	6.1756	1.12707
4700	-0.1091	1.1807	4.4646	1.2190	4.119	1.1324	6.2015	1.13118
4800	-0.0611	1.2394	4.4753	1.2225	4.176	1.1365	6.2242	1.13505
4900	-0.0149	1.2959	4.4857	1.2266	4.220	1.1403	6.2443	1.13873
5000	0.0319	1.3526	4.4960	1.2210	4.273	1.1435	6.2672	1.14177
5100	0.0750	1.4057	4.5057	1.2309	4.339	1.1469	6.2826	1.15089
5200	0.1167	1.4570	4.5151	1.2336	4.393	1.1502	6.2963	1.15551
5300	0.1570	1.5068	4.5242	1.2359	4.445	1.1534	6.3087	1.15118
5400	0.1962	1.5554	4.5331	1.2387	4.498	1.1565	6.3198	1.15408
5500	0.2342	1.6025	4.5417	1.2400	4.548	1.1596	6.3297	1.15688
5600	0.2718	1.6490	4.5503	1.2366	4.589	1.1627	6.3399	1.15963
5700	0.3094	1.6955	4.5588	1.2307	4.624	1.1657	6.3518	1.16223
5800	0.3473	1.7420	4.5673	1.2220	4.654	1.1686	6.3665	1.16474
5900	0.3861	1.7892	4.5760	1.2110	4.678	1.1713	6.3847	1.16713
6000	0.4261	1.8373	4.5848	1.2389	4.777	1.1737	6.4069	1.16938
6100	0.4565	1.8764	4.5919	1.2537	4.851	1.1769	6.4059	1.17226
6200	0.4921	1.9201	4.6000	1.2276	4.846	1.1797	6.4205	1.17475
6300	0.5275	1.9636	4.6080	1.2252	4.886	1.1827	6.4360	1.17726
6400	0.5629	2.0069	4.6159	1.2235	4.927	1.1856	6.4522	1.17976
6500	0.5980	2.0498	4.6238	1.2227	4.970	1.1887	6.4695	1.18228
6600	0.6330	2.0925	4.6316	1.2215	5.012	1.1918	6.4878	1.18484
6700	0.6677	2.1349	4.6394	1.2195	5.053	1.1949	6.5067	1.18740
6800	0.7025	2.1774	4.6472	1.2186	5.095	1.1981	6.5267	1.18998
6900	0.7369	2.2193	4.6549	1.2178	5.138	1.2014	6.5474	1.19261
7000	0.7714	2.2613	4.6626	1.2171	5.181	1.2048	6.5690	1.19525
7100	0.8055	2.3028	4.6702	1.2167	5.224	1.2083	6.5913	1.19794
7200	0.8395	2.3441	4.6778	1.2158	5.267	1.2118	6.6142	1.20063
7300	0.8733	2.3852	4.6853	1.2151	5.310	1.2154	6.6377	1.20338
7400	0.9071	2.4262	4.6928	1.2145	5.353	1.2192	6.6619	1.20612
7500	0.9405	2.4668	4.7002	1.2150	5.398	1.2230	6.6862	1.20887
7600	0.9727	2.5072	4.7076	1.2158	5.445	1.2269	6.7114	1.21167
7700	1.0066	2.5472	4.7149	1.2158	5.489	1.2310	6.7368	1.21448
7800	1.0393	2.5870	4.7222	1.2159	5.535	1.2351	6.7625	1.21732
7900	1.0718	2.6264	4.7294	1.2169	5.582	1.2393	6.7886	1.22017
8000	1.1039	2.6656	4.7366	1.2176	5.628	1.2437	6.8152	1.22304
8100	1.1358	2.7044	4.7437	1.2187	5.676	1.2481	6.8417	1.22591

S/R= 34.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8200	1.1674	2.7429	4.7507	1.2199	5.724	1.2527	6.8686	1.22877
8300	1.1986	2.7810	4.7576	1.2208	5.772	1.2574	6.8954	1.23165
8400	1.2296	2.8188	4.7645	1.2219	5.820	1.2622	6.9224	1.23455
8500	1.2603	2.8564	4.7714	1.2229	5.869	1.2671	6.9497	1.23743
8600	1.2908	2.8937	4.7782	1.2250	5.920	1.2722	6.9767	1.24030
8700	1.3207	2.9304	4.7848	1.2277	5.973	1.2773	7.0035	1.24317
8800	1.3503	2.9668	4.7915	1.2296	6.024	1.2827	7.0309	1.24605
8900	1.3796	3.0028	4.7981	1.2313	6.076	1.2882	7.0582	1.24890
9000	1.4086	3.0386	4.8046	1.2332	6.128	1.2937	7.0853	1.25175
9100	1.4373	3.0740	4.8111	1.2355	6.181	1.2995	7.1127	1.25462
9200	1.4656	3.1090	4.8175	1.2381	6.235	1.3053	7.1397	1.25745
9300	1.4935	3.1436	4.8238	1.2411	6.291	1.3113	7.1664	1.26023
9400	1.5211	3.1778	4.8301	1.2439	6.347	1.3175	7.1934	1.26303
9500	1.5484	3.2118	4.8363	1.2467	6.403	1.3239	7.2205	1.26580
9600	1.5753	3.2454	4.8425	1.2503	6.462	1.3304	7.2474	1.26854
9700	1.6017	3.2785	4.8485	1.2533	6.520	1.3371	7.2741	1.27127
9800	1.6279	3.3114	4.8546	1.2558	6.577	1.3439	7.3009	1.27399
9900	1.6538	3.3439	4.8606	1.2595	6.637	1.3508	7.3273	1.27666
10000	1.6792	3.3760	4.8665	1.2628	6.696	1.3580	7.3534	1.27928
10100	1.7044	3.4078	4.8724	1.2667	6.758	1.3653	7.3797	1.28189
10200	1.7291	3.4392	4.8782	1.2712	6.822	1.3728	7.4059	1.28447
10300	1.7536	3.4704	4.8840	1.2749	6.885	1.3805	7.4323	1.28705
10400	1.7777	3.5011	4.8897	1.2795	6.951	1.3885	7.4585	1.28956
10500	1.8013	3.5314	4.8954	1.2830	7.014	1.3965	7.4846	1.29206
10600	1.8249	3.5616	4.9010	1.2863	7.077	1.4047	7.5106	1.29452
10700	1.8479	3.5914	4.9066	1.2905	7.143	1.4131	7.5366	1.29694
10800	1.8708	3.6209	4.9121	1.2948	7.210	1.4217	7.5620	1.29928
10900	1.8932	3.6500	4.9176	1.2998	7.280	1.4305	7.5880	1.30165
11000	1.9154	3.6789	4.9230	1.3043	7.349	1.4395	7.6139	1.30395
11100	1.9372	3.7073	4.9284	1.3092	7.420	1.4487	7.6396	1.30620
11200	1.9587	3.7356	4.9338	1.3138	7.490	1.4581	7.6658	1.30846
11300	1.9798	3.7634	4.9391	1.3184	7.561	1.4676	7.6913	1.31062
11400	2.0007	3.7909	4.9444	1.3220	7.630	1.4773	7.7173	1.31276
11500	2.0215	3.8185	4.9496	1.3265	7.703	1.4874	7.7435	1.31488
11600	2.0418	3.8454	4.9548	1.3305	7.774	1.4974	7.7693	1.31693
11700	2.0620	3.8723	4.9600	1.3340	7.845	1.5077	7.7953	1.31892
11800	2.0819	3.8989	4.9652	1.3382	7.917	1.5181	7.8216	1.32091
11900	2.1016	3.9253	4.9703	1.3413	7.988	1.5288	7.8484	1.32286
12000	2.1209	3.9513	4.9754	1.3441	8.058	1.5394	7.8745	1.32472
12100	2.1402	3.9772	4.9805	1.3463	8.126	1.5502	7.9011	1.32655
12200	2.1592	4.0028	4.9855	1.3478	8.193	1.5611	7.9279	1.32834
12300	2.1782	4.0285	4.9905	1.3491	8.259	1.5721	7.9551	1.33010
12400	2.1969	4.0537	4.9955	1.3501	8.325	1.5831	7.9817	1.33177

S/R= 35.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.0417	-6.4781	2.5417	1.4017	0.605	1.0000	3.4806	1.00000
200	-5.2924	-5.4278	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-4.8530	-4.8123	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-4.5392	-4.3736	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-4.2913	-4.0287	3.2440	1.3867	1.347	1.0000	3.5074	1.00000
600	-4.0839	-3.7422	3.3256	1.3762	1.469	1.0000	3.5270	1.00000
700	-3.9028	-3.4941	3.3955	1.3648	1.581	1.0000	3.5516	1.00000
800	-3.7414	-3.2747	3.4572	1.3543	1.683	1.0000	3.5817	1.00000

S/R= .35.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
900	-3.5948	-3.0769	3.5121	1.3447	1.779	1.0000	3.6129	1.00000
1000	-3.4603	-2.8967	3.5519	1.3363	1.869	1.0000	3.6467	1.00000
1100	-3.3357	-2.7307	3.5971	1.3277	1.954	1.0000	3.6791	1.00000
1200	-3.2186	-2.5759	3.6488	1.3211	2.036	1.0000	3.7122	1.00000
1300	-3.1097	-2.4322	3.6874	1.3163	2.115	1.0000	3.7452	1.00000
1400	-3.0069	-2.2972	3.7234	1.3110	2.191	1.0000	3.7779	1.00000
1500	-2.9090	-2.1691	3.7570	1.3044	2.262	1.0000	3.8099	1.00001
1600	-2.8156	-2.0476	3.7888	1.2967	2.329	1.0000	3.8431	1.00003
1700	-2.7257	-1.9313	3.8190	1.2891	2.394	1.0001	3.8771	1.00009
1800	-2.6393	-1.8191	3.8477	1.2799	2.455	1.0002	3.9124	1.00022
1900	-2.5525	-1.7097	3.8756	1.2690	2.512	1.0005	3.9520	1.00048
2000	-2.4670	-1.6017	3.9028	1.2559	2.564	1.0010	3.9972	1.00095
2100	-2.3805	-1.4937	3.9296	1.2412	2.613	1.0017	4.0496	1.00174
2200	-2.2918	-1.3842	3.9565	1.2258	2.659	1.0030	4.1131	1.00296
2300	-2.1998	-1.2721	3.9837	1.2108	2.705	1.0048	4.1873	1.00475
2400	-2.1039	-1.1567	4.0111	1.1973	2.751	1.0072	4.2746	1.00719
2500	-2.0040	-1.0377	4.0389	1.1858	2.799	1.0104	4.3749	1.01035
2600	-1.9005	-0.9155	4.0668	1.1768	2.849	1.0143	4.4860	1.01426
2700	-1.7944	-0.7910	4.0946	1.1701	2.901	1.0189	4.6053	1.01886
2800	-1.6866	-0.6652	4.1222	1.1654	2.956	1.0241	4.7318	1.02409
2900	-1.5785	-0.5395	4.1491	1.1619	3.012	1.0299	4.8610	1.02985
3000	-1.4704	-0.4140	4.1754	1.1604	3.071	1.0361	4.9921	1.03601
3100	-1.3648	-0.2915	4.2006	1.1608	3.132	1.0426	5.1198	1.04249
3200	-1.2618	-0.1720	4.2247	1.1616	3.194	1.0493	5.2429	1.04920
3300	-1.1622	-0.0561	4.2477	1.1632	3.256	1.0561	5.3606	1.05600
3400	-1.0661	0.0558	4.2697	1.1656	3.319	1.0630	5.4723	1.06285
3500	-0.9740	0.1633	4.2904	1.1684	3.382	1.0698	5.5755	1.06965
3600	-0.8859	0.2663	4.3100	1.1717	3.446	1.0766	5.6721	1.07638
3700	-0.8021	0.3647	4.3285	1.1756	3.510	1.0832	5.7596	1.08294
3800	-0.7224	0.4585	4.3462	1.1797	3.574	1.0896	5.8401	1.08933
3900	-0.6468	0.5479	4.3628	1.1842	3.638	1.0958	5.9124	1.09550
4000	-0.5751	0.6329	4.3785	1.1889	3.702	1.1018	5.9764	1.10143
4100	-0.5072	0.7138	4.3934	1.1937	3.765	1.1076	6.0339	1.10710
4200	-0.4430	0.7906	4.4075	1.1987	3.828	1.1131	6.0844	1.11250
4300	-0.3821	0.8638	4.4209	1.2037	3.891	1.1183	6.1290	1.11762
4400	-0.3244	0.9334	4.4335	1.2085	3.952	1.1232	6.1670	1.12247
4500	-0.2694	0.9999	4.4457	1.2129	4.012	1.1279	6.2008	1.12707
4600	-0.2172	1.0634	4.4572	1.2169	4.071	1.1324	6.2291	1.13139
4700	-0.1674	1.1241	4.4682	1.2204	4.129	1.1366	6.2535	1.13547
4800	-0.1197	1.1825	4.4788	1.2235	4.185	1.1405	6.2747	1.13931
4900	-0.0738	1.2386	4.4891	1.2191	4.228	1.1443	6.2934	1.14295
5000	-0.0274	1.2950	4.4993	1.2211	4.280	1.1475	6.3150	1.14596
5100	0.0155	1.3477	4.5089	1.2310	4.347	1.1509	6.3292	1.15060
5200	0.0570	1.3988	4.5182	1.2335	4.400	1.1541	6.3421	1.15729
5300	0.0973	1.4485	4.5273	1.2350	4.451	1.1572	6.3538	1.15527
5400	0.1366	1.4971	4.5362	1.2372	4.502	1.1603	6.3645	1.15814
5500	0.1748	1.5444	4.5448	1.2385	4.552	1.1633	6.3744	1.16091
5600	0.2124	1.5910	4.5533	1.2356	4.594	1.1664	6.3845	1.16365
5700	0.2501	1.6375	4.5618	1.2302	4.631	1.1694	6.3961	1.16625
5800	0.2881	1.6841	4.5703	1.2220	4.661	1.1722	6.4104	1.16879
5900	0.3268	1.7312	4.5789	1.2112	4.686	1.1749	6.4281	1.17121
6000	0.3666	1.7793	4.5877	1.2355	4.777	1.1773	6.4498	1.17352
6100	0.3981	1.8194	4.5950	1.2479	4.847	1.1804	6.4511	1.17639
6200	0.4341	1.8634	4.6030	1.2249	4.848	1.1833	6.4563	1.17892
6300	0.4700	1.9073	4.6111	1.2224	4.888	1.1862	6.4827	1.18148

S/R= 35.0

T	LOG(RHQ)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6400	0.5058	1.9511	4.6191	1.2205	4.929	1.1892	6.4996	1.18404
6500	0.5414	1.9945	4.6270	1.2196	4.971	1.1922	6.5179	1.18663
6600	0.5769	2.0378	4.6349	1.2183	5.013	1.1954	6.5373	1.18926
6700	0.6121	2.0807	4.6428	1.2162	5.054	1.1985	6.5573	1.19190
6800	0.6475	2.1237	4.6506	1.2153	5.096	1.2018	6.5783	1.19457
6900	0.6825	2.1662	4.6584	1.2143	5.139	1.2051	6.6003	1.19728
7000	0.7176	2.2087	4.6662	1.2136	5.181	1.2085	6.6230	1.20002
7100	0.7522	2.2508	4.6739	1.2133	5.225	1.2120	6.6466	1.20281
7200	0.7868	2.2927	4.6815	1.2124	5.268	1.2155	6.6706	1.20560
7300	0.8212	2.3344	4.6891	1.2115	5.310	1.2192	6.6953	1.20845
7400	0.8555	2.3760	4.6966	1.2109	5.353	1.2230	6.7206	1.21130
7500	0.8895	2.4172	4.7041	1.2113	5.399	1.2268	6.7462	1.21416
7600	0.9233	2.4581	4.7116	1.2121	5.445	1.2307	6.7725	1.21707
7700	0.9567	2.4986	4.7189	1.2123	5.490	1.2347	6.7993	1.22000
7800	0.9900	2.5390	4.7262	1.2124	5.535	1.2389	6.8257	1.22295
7900	1.0230	2.5790	4.7335	1.2131	5.581	1.2431	6.8530	1.22591
8000	1.0557	2.6186	4.7407	1.2136	5.628	1.2475	6.8806	1.22891
8100	1.0881	2.6580	4.7478	1.2147	5.675	1.2519	6.9081	1.23189
8200	1.1201	2.6969	4.7549	1.2159	5.723	1.2564	6.9359	1.23487
8300	1.1519	2.7356	4.7619	1.2170	5.772	1.2611	6.9635	1.23786
8400	1.1833	2.7738	4.7689	1.2182	5.820	1.2659	6.9915	1.24087
8500	1.2145	2.8119	4.7757	1.2188	5.867	1.2708	7.0196	1.24387
8600	1.2454	2.8496	4.7825	1.2206	5.918	1.2758	7.0474	1.24686
8700	1.2758	2.8867	4.7892	1.2232	5.970	1.2808	7.0750	1.24984
8800	1.3059	2.9235	4.7959	1.2249	6.021	1.2861	7.1033	1.25284
8900	1.3357	2.9600	4.8025	1.2266	6.072	1.2915	7.1313	1.25580
9000	1.3651	2.9961	4.8091	1.2290	6.125	1.2970	7.1586	1.25876
9100	1.3942	3.0319	4.8156	1.2312	6.178	1.3026	7.1866	1.26174
9200	1.4229	3.0672	4.8220	1.2331	6.230	1.3084	7.2142	1.26468
9300	1.4512	3.1022	4.8283	1.2358	6.285	1.3142	7.2413	1.26757
9400	1.4791	3.1368	4.8346	1.2384	6.340	1.3203	7.2687	1.27048
9500	1.5068	3.1711	4.8408	1.2410	6.395	1.3265	7.2962	1.27336
9600	1.5341	3.2050	4.8470	1.2447	6.453	1.3328	7.3234	1.27621
9700	1.5609	3.2384	4.8531	1.2481	6.512	1.3393	7.3505	1.27905
9800	1.5874	3.2716	4.8591	1.2507	6.568	1.3460	7.3776	1.28187
9900	1.6136	3.3043	4.8651	1.2536	6.626	1.3528	7.4043	1.28464
10000	1.6394	3.3367	4.8710	1.2564	6.684	1.3597	7.4306	1.28736
10100	1.6649	3.3688	4.8769	1.2601	6.744	1.3668	7.4570	1.29008
10200	1.6900	3.4004	4.8827	1.2643	6.807	1.3740	7.4832	1.29276
10300	1.7148	3.4318	4.8885	1.2679	6.869	1.3815	7.5097	1.29544
10400	1.7392	3.4628	4.8942	1.2725	6.934	1.3892	7.5359	1.29806
10500	1.7631	3.4934	4.8998	1.2765	6.997	1.3970	7.5621	1.30066
10600	1.7869	3.5238	4.9054	1.2800	7.060	1.4050	7.5883	1.30321
10700	1.8103	3.5537	4.9110	1.2832	7.123	1.4132	7.6142	1.30574
10800	1.8334	3.5834	4.9165	1.2870	7.188	1.4214	7.6394	1.30817
10900	1.8561	3.6127	4.9220	1.2920	7.256	1.4299	7.6653	1.31064
11000	1.8786	3.6418	4.9274	1.2962	7.324	1.4386	7.6913	1.31304
11100	1.9006	3.6704	4.9327	1.3009	7.393	1.4474	7.7164	1.31538
11200	1.9224	3.6988	4.9381	1.3055	7.462	1.4565	7.7424	1.31774
11300	1.9438	3.7268	4.9434	1.3100	7.532	1.4656	7.7675	1.31999
11400	1.9649	3.7545	4.9486	1.3138	7.601	1.4750	7.7931	1.32223
11500	1.9859	3.7821	4.9538	1.3182	7.672	1.4847	7.8190	1.32444
11600	2.0064	3.8092	4.9590	1.3223	7.742	1.4944	7.8444	1.32658
11700	2.0269	3.8363	4.9642	1.3260	7.812	1.5044	7.8700	1.32866
11800	2.0469	3.8629	4.9693	1.3302	7.884	1.5144	7.8958	1.33075

S/R= 35.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11900	2.0669	3.8894	4.9744	1.3337	7.955	1.5247	7.9221	1.33279
12000	2.0864	3.9155	4.9794	1.3368	8.025	1.5350	7.9477	1.33474
12100	2.1059	3.9415	4.9845	1.3392	8.093	1.5455	7.9739	1.33666
12200	2.1253	3.9672	4.9895	1.3411	8.160	1.5561	8.0001	1.33854
12300	2.1441	3.9929	4.9944	1.3429	8.227	1.5668	8.0267	1.34040
12400	2.1629	4.0181	4.9994	1.3443	8.292	1.5775	8.0528	1.34216
12500	2.1816	4.0433	5.0043	1.3443	8.354	1.5883	8.0797	1.34391

S/R= 35.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.1287	-6.5651	2.5417	1.4016	0.605	1.0000	3.4805	1.00000
200	-5.3792	-5.5146	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-4.9400	-4.8993	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-4.6261	-4.4604	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-4.3783	-4.1157	3.2440	1.3868	1.347	1.0000	3.5074	1.00000
600	-4.1709	-3.9291	3.3256	1.3760	1.469	1.0000	3.5270	1.00000
700	-3.9896	-3.5809	3.3955	1.3647	1.581	1.0000	3.5515	1.00000
800	-3.8282	-3.3616	3.4572	1.3543	1.683	1.0000	3.5817	1.00000
900	-3.6816	-3.1637	3.5121	1.3446	1.779	1.0000	3.6129	1.00000
1000	-3.5471	-2.9835	3.5619	1.3365	1.869	1.0000	3.6467	1.00000
1100	-3.4226	-2.8176	3.6071	1.3276	1.954	1.0000	3.6791	1.00000
1200	-3.3054	-2.6626	3.6488	1.3210	2.036	1.0000	3.7122	1.00000
1300	-3.1965	-2.5190	3.6874	1.3166	2.116	1.0000	3.7452	1.00000
1400	-3.0939	-2.3842	3.7234	1.3110	2.191	1.0000	3.7779	1.00000
1500	-2.9959	-2.2559	3.7570	1.3042	2.262	1.0000	3.8100	1.00001
1600	-2.9024	-2.1344	3.7888	1.2965	2.329	1.0000	3.8433	1.00003
1700	-2.8124	-2.0180	3.8190	1.2887	2.394	1.0001	3.8774	1.00010
1800	-2.7248	-1.9056	3.8478	1.2791	2.454	1.0002	3.9132	1.00024
1900	-2.6386	-1.7958	3.8757	1.2676	2.510	1.0005	3.9535	1.00053
2000	-2.5525	-1.6872	3.9031	1.2539	2.562	1.0011	4.0002	1.00105
2100	-2.4651	-1.5782	3.9302	1.2385	2.610	1.0019	4.0548	1.00191
2200	-2.3750	-1.4673	3.9575	1.2225	2.656	1.0033	4.1213	1.00325
2300	-2.2811	-1.3533	3.9849	1.2073	2.702	1.0052	4.1996	1.00521
2400	-2.1830	-1.2355	4.0123	1.1936	2.748	1.0079	4.2917	1.00787
2500	-2.0806	-1.1139	4.0411	1.1823	2.796	1.0113	4.3975	1.01128
2600	-1.9744	-0.9889	4.0696	1.1736	2.847	1.0155	4.5145	1.01548
2700	-1.8656	-0.8616	4.0973	1.1671	2.900	1.0204	4.6396	1.02039
2800	-1.7552	-0.7331	4.1258	1.1628	2.955	1.0260	4.7717	1.02594
2900	-1.6447	-0.6047	4.1531	1.1597	3.013	1.0320	4.9060	1.03201
3000	-1.5344	-0.4770	4.1797	1.1586	3.072	1.0385	5.0416	1.03847
3100	-1.4270	-0.3525	4.2051	1.1592	3.134	1.0453	5.1731	1.04524
3200	-1.3224	-0.2313	4.2294	1.1603	3.196	1.0523	5.2994	1.05221
3300	-1.2214	-0.1140	4.2525	1.1621	3.259	1.0593	5.4195	1.05925
3400	-1.1242	-0.0010	4.2744	1.1647	3.323	1.0664	5.5331	1.06632
3500	-1.0313	0.1074	4.2952	1.1678	3.387	1.0735	5.6377	1.07332
3600	-0.9426	0.2111	4.3148	1.1713	3.452	1.0804	5.7349	1.08021
3700	-0.8584	0.3099	4.3333	1.1754	3.516	1.0871	5.8227	1.08691
3800	-0.7785	0.4040	4.3509	1.1797	3.581	1.0937	5.9031	1.09341
3900	-0.7028	0.4935	4.3674	1.1844	3.645	1.1000	5.9747	1.09967
4000	-0.6313	0.5784	4.3830	1.1893	3.709	1.1060	6.0380	1.10567
4100	-0.5625	0.6592	4.3977	1.1943	3.773	1.1118	6.0944	1.11139
4200	-0.4995	0.7358	4.4117	1.1994	3.836	1.1173	6.1435	1.11682
4300	-0.4389	0.8086	4.4249	1.2046	3.899	1.1225	6.1866	1.12194
4400	-0.3816	0.8778	4.4375	1.2095	3.961	1.1274	6.2230	1.12679

S/R= 35.2

T	LOG(RHO)	LJG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4500	-0.3270	0.9440	4.4495	1.2142	4.022	1.1321	6.2552	1.13136
4600	-0.2752	1.0070	4.4608	1.2186	4.082	1.1365	6.2819	1.13566
4700	-0.2257	1.0674	4.4718	1.2221	4.139	1.1407	6.3048	1.13970
4800	-0.1783	1.1254	4.4823	1.2250	4.195	1.1446	6.3245	1.14350
4900	-0.1328	1.1812	4.4924	1.2202	4.237	1.1483	6.3416	1.14710
5000	-0.0867	1.2372	4.5026	1.2217	4.289	1.1514	6.3623	1.15007
5100	-0.0440	1.2897	4.5121	1.2308	4.354	1.1547	6.3753	1.15327
5200	-0.0027	1.3406	4.5213	1.2329	4.406	1.1579	6.3870	1.15634
5300	0.0375	1.3902	4.5303	1.2340	4.456	1.1610	6.3981	1.15926
5400	0.0769	1.4388	4.5392	1.2353	4.506	1.1640	6.4085	1.16210
5500	0.1153	1.4863	4.5478	1.2364	4.555	1.1670	6.4184	1.16484
5600	0.1532	1.5331	4.5563	1.2344	4.599	1.1699	6.4285	1.16756
5700	0.1910	1.5797	4.5548	1.2299	4.637	1.1729	6.4401	1.17018
5800	0.2289	1.5263	4.5733	1.2220	4.668	1.1758	6.4542	1.17274
5900	0.2676	1.6734	4.5819	1.2116	4.694	1.1785	6.4714	1.17521
6000	0.3074	1.7213	4.5905	1.2320	4.778	1.1809	6.4924	1.17759
6100	0.3400	1.7625	4.5980	1.2422	4.844	1.1840	6.4962	1.18044
6200	0.3764	1.8070	4.6061	1.2222	4.850	1.1869	6.5123	1.18302
6300	0.4127	1.8514	4.6142	1.2195	4.889	1.1898	6.5296	1.18564
6400	0.4490	1.8957	4.6223	1.2175	4.930	1.1928	6.5476	1.18826
6500	0.4852	1.9396	4.6303	1.2165	4.973	1.1959	6.5669	1.19092
6600	0.5212	1.9834	4.6383	1.2151	5.015	1.1990	6.5875	1.19363
6700	0.5570	2.0269	4.6462	1.2131	5.055	1.2022	6.6087	1.19637
6800	0.5930	2.0705	4.6541	1.2121	5.097	1.2055	6.6309	1.19913
6900	0.6285	2.1136	4.6619	1.2110	5.140	1.2088	6.6540	1.20193
7000	0.6642	2.1568	4.6698	1.2102	5.182	1.2123	6.6781	1.20477
7100	0.6994	2.1994	4.6775	1.2099	5.226	1.2158	6.7029	1.20766
7200	0.7346	2.2420	4.6852	1.2091	5.269	1.2194	6.7283	1.21056
7300	0.7696	2.2842	4.6929	1.2083	5.312	1.2231	6.7542	1.21352
7400	0.8045	2.3264	4.7005	1.2077	5.355	1.2269	6.7807	1.21648
7500	0.8391	2.3682	4.7080	1.2079	5.400	1.2307	6.8075	1.21946
7600	0.8735	2.4097	4.7156	1.2085	5.446	1.2347	6.8350	1.22249
7700	0.9074	2.4507	4.7230	1.2087	5.491	1.2387	6.8627	1.22553
7800	0.9413	2.4916	4.7304	1.2090	5.536	1.2429	6.8906	1.22859
7900	0.9748	2.5322	4.7377	1.2097	5.583	1.2472	6.9188	1.23167
8000	1.0080	2.5724	4.7449	1.2101	5.629	1.2515	6.9475	1.23478
8100	1.0409	2.6122	4.7521	1.2110	5.676	1.2559	6.9760	1.23788
8200	1.0735	2.6517	4.7592	1.2121	5.724	1.2605	7.0048	1.24098
8300	1.1058	2.6908	4.7662	1.2132	5.772	1.2651	7.0334	1.24409
8400	1.1377	2.7296	4.7732	1.2145	5.820	1.2698	7.0622	1.24722
8500	1.1694	2.7680	4.7801	1.2154	5.868	1.2747	7.0912	1.25034
8600	1.2007	2.8062	4.7870	1.2170	5.918	1.2797	7.1198	1.25344
8700	1.2316	2.8437	4.7937	1.2189	5.969	1.2847	7.1481	1.25654
8800	1.2621	2.8810	4.8004	1.2205	6.019	1.2899	7.1768	1.25965
8900	1.2923	2.9178	4.8071	1.2222	6.070	1.2952	7.2055	1.26273
9000	1.3221	2.9543	4.8136	1.2246	6.122	1.3006	7.2337	1.26580
9100	1.3516	2.9905	4.8201	1.2270	6.176	1.3062	7.2623	1.26890
9200	1.3807	3.0262	4.8265	1.2292	6.228	1.3119	7.2905	1.27195
9300	1.4094	3.0615	4.8329	1.2313	6.281	1.3176	7.3181	1.27495
9400	1.4377	3.0964	4.8392	1.2334	6.335	1.3235	7.3460	1.27797
9500	1.4658	3.1311	4.8454	1.2358	6.389	1.3296	7.3738	1.28096
9600	1.4934	3.1653	4.8516	1.2394	6.447	1.3358	7.4013	1.28392
9700	1.5206	3.1990	4.8577	1.2427	6.504	1.3421	7.4287	1.28686
9800	1.5475	3.2324	4.8637	1.2455	6.561	1.3487	7.4561	1.28979
9900	1.5739	3.2655	4.8697	1.2489	6.620	1.3553	7.4831	1.29267

S/R= 35.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10000	1.6000	3.2981	4.8756	1.2512	6.676	1.3621	7.5097	1.29549
10100	1.6259	3.3305	4.8815	1.2541	6.734	1.3690	7.5363	1.29831
10200	1.6513	3.3623	4.8873	1.2581	6.795	1.3760	7.5626	1.30110
10300	1.6764	3.3940	4.8930	1.2615	6.856	1.3833	7.5892	1.30388
10400	1.7011	3.4252	4.8987	1.2659	6.919	1.3907	7.6154	1.30660
10500	1.7253	3.4559	4.9044	1.2697	6.982	1.3982	7.6415	1.30929
10600	1.7494	3.4865	4.9100	1.2735	7.045	1.4060	7.6677	1.31195
10700	1.7730	3.5167	4.9155	1.2773	7.108	1.4139	7.6937	1.31457
10800	1.7964	3.5465	4.9210	1.2807	7.171	1.4220	7.7191	1.31711
10900	1.8194	3.5761	4.9264	1.2847	7.237	1.4302	7.7448	1.31967
11000	1.8421	3.6053	4.9318	1.2887	7.302	1.4385	7.7703	1.32216
11100	1.8644	3.6341	4.9372	1.2932	7.370	1.4471	7.7955	1.32460
11200	1.8865	3.6626	4.9425	1.2977	7.438	1.4558	7.8212	1.32706
11300	1.9081	3.6908	4.9477	1.3021	7.507	1.4647	7.8460	1.32940
11400	1.9294	3.7186	4.9529	1.3059	7.574	1.4737	7.8712	1.33173
11500	1.9507	3.7464	4.9581	1.3103	7.644	1.4830	7.8968	1.33404
11600	1.9714	3.7736	4.9633	1.3144	7.714	1.4924	7.9219	1.33627
11700	1.9921	3.8008	4.9684	1.3183	7.783	1.5020	7.9470	1.33845
11800	2.0123	3.8275	4.9735	1.3226	7.855	1.5118	7.9723	1.34062
11900	2.0324	3.8542	4.9785	1.3262	7.925	1.5217	7.9981	1.34276
12000	2.0521	3.8803	4.9835	1.3294	7.994	1.5317	8.0232	1.34479
12100	2.0717	3.9064	4.9885	1.3322	8.062	1.5419	8.0489	1.34681
12200	2.0910	3.9322	4.9935	1.3345	8.129	1.5521	8.0745	1.34878
12300	2.1103	3.9579	4.9984	1.3366	8.196	1.5626	8.1007	1.35073
12400	2.1292	3.9832	5.0033	1.3386	8.263	1.5729	8.1263	1.35257
12500	2.1481	4.0084	5.0082	1.3392	8.326	1.5835	8.1525	1.35442
12600	2.1667	4.0334	5.0131	1.3404	8.391	1.5940	8.1788	1.35620
12700	2.1852	4.0582	5.0179	1.3415	8.455	1.6045	8.2053	1.35795

S/R= 35.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.2156	-6.5520	2.5417	1.4015	0.605	1.0000	3.4806	1.00000
200	-5.4659	-5.5013	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-5.0269	-4.9862	3.0198	1.3998	1.048	1.0000	3.4891	1.00000
400	-4.7130	-4.5474	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-4.4651	-4.2025	3.2440	1.3867	1.347	1.0000	3.5074	1.00000
600	-4.2577	-3.9160	3.3256	1.3761	1.469	1.0000	3.5270	1.00000
700	-4.0765	-3.6678	3.3955	1.3649	1.581	1.0000	3.5516	1.00000
800	-3.9152	-3.4485	3.4572	1.3542	1.683	1.0000	3.5817	1.00000
900	-3.7683	-3.2505	3.5121	1.3445	1.779	1.0000	3.6129	1.00000
1000	-3.6339	-3.0703	3.5619	1.3364	1.869	1.0000	3.6467	1.00000
1100	-3.5093	-2.9043	3.6071	1.3275	1.954	1.0000	3.6791	1.00000
1200	-3.3922	-2.7494	3.6488	1.3213	2.036	1.0000	3.7122	1.00000
1300	-3.2835	-2.6059	3.6874	1.3169	2.116	1.0000	3.7451	1.00000
1400	-3.1809	-2.4711	3.7234	1.3109	2.191	1.0000	3.7779	1.00000
1500	-3.0827	-2.3428	3.7570	1.3039	2.262	1.0000	3.8101	1.00001
1600	-2.9892	-2.2212	3.7888	1.2962	2.329	1.0000	3.8434	1.00004
1700	-2.8991	-2.1047	3.8190	1.2882	2.393	1.0001	3.8778	1.00011
1800	-2.8113	-1.9921	3.8479	1.2782	2.453	1.0003	3.9141	1.00027
1900	-2.7247	-1.8818	3.8759	1.2661	2.509	1.0006	3.9553	1.00059
2000	-2.6379	-1.7725	3.9035	1.2517	2.560	1.0012	4.0035	1.00116
2100	-2.5494	-1.6624	3.9308	1.2356	2.608	1.0021	4.0604	1.00210
2200	-2.4578	-1.5499	3.9584	1.2192	2.653	1.0036	4.1303	1.00358
2300	-2.3620	-1.4339	3.9863	1.2036	2.698	1.0057	4.2129	1.00571



S/R= 35.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2400	-2.2615	-1.3137	4.0147	1.1899	2.744	1.0086	4.3102	1.00859
2500	-2.1564	-1.1893	4.0435	1.1788	2.793	1.0123	4.4218	1.01228
2600	-2.0474	-1.0614	4.0725	1.1704	2.844	1.0168	4.5449	1.01677
2700	-1.9358	-0.9311	4.1012	1.1643	2.899	1.0220	4.6760	1.02201
2800	-1.8228	-0.7998	4.1297	1.1603	2.955	1.0279	4.8138	1.02788
2900	-1.7099	-0.6690	4.1573	1.1575	3.013	1.0343	4.9532	1.03427
3000	-1.5975	-0.5390	4.1841	1.1568	3.074	1.0411	5.0931	1.04103
3100	-1.4882	-0.4126	4.2097	1.1577	3.136	1.0481	5.2284	1.04809
3200	-1.3821	-0.2897	4.2341	1.1590	3.199	1.0554	5.3577	1.05532
3300	-1.2798	-0.1711	4.2573	1.1611	3.263	1.0627	5.4801	1.06260
3400	-1.1817	-0.0570	4.2793	1.1639	3.328	1.0700	5.5953	1.06987
3500	-1.0880	0.0522	4.3000	1.1673	3.392	1.0772	5.7010	1.07705
3600	-0.9988	0.1564	4.3196	1.1711	3.457	1.0842	5.7987	1.08410
3700	-0.9143	0.2556	4.3381	1.1753	3.522	1.0911	5.8865	1.09094
3800	-0.8343	0.3499	4.3555	1.1799	3.588	1.0978	5.9666	1.09753
3900	-0.7585	0.4394	4.3719	1.1848	3.653	1.1041	6.0375	1.10387
4000	-0.6871	0.5242	4.3874	1.1898	3.717	1.1102	6.0997	1.10993
4100	-0.6196	0.6047	4.4020	1.1951	3.782	1.1161	6.1548	1.11568
4200	-0.5559	0.6810	4.4158	1.2004	3.845	1.1216	6.2024	1.12112
4300	-0.4957	0.7535	4.4289	1.2057	3.908	1.1268	6.2439	1.12624
4400	-0.4387	0.8223	4.4413	1.2106	3.970	1.1316	6.2786	1.13107
4500	-0.3846	0.8880	4.4532	1.2154	4.031	1.1363	6.3090	1.13561
4600	-0.3332	0.9506	4.4644	1.2200	4.091	1.1406	6.3339	1.13986
4700	-0.2841	1.0106	4.4752	1.2237	4.149	1.1447	6.3551	1.14386
4800	-0.2371	1.0682	4.4856	1.2267	4.205	1.1485	6.3732	1.14760
4900	-0.1919	1.1237	4.4956	1.2216	4.247	1.1522	6.3891	1.15115
5000	-0.1461	1.1794	4.5057	1.2226	4.297	1.1552	6.4081	1.15408
5100	-0.1037	1.2315	4.5151	1.2311	4.361	1.1585	6.4200	1.15724
5200	-0.0625	1.2823	4.5243	1.2324	4.412	1.1617	6.4310	1.16026
5300	-0.0223	1.3318	4.5333	1.2325	4.460	1.1647	6.4418	1.16315
5400	0.0172	1.3805	4.5421	1.2331	4.509	1.1676	6.4519	1.16597
5500	0.0558	1.4281	4.5507	1.2339	4.558	1.1705	6.4619	1.16868
5600	0.0939	1.4751	4.5592	1.2324	4.602	1.1734	6.4723	1.17138
5700	0.1319	1.5219	4.5677	1.2291	4.642	1.1764	6.4837	1.17401
5800	0.1699	1.5685	4.5762	1.2224	4.676	1.1793	6.4975	1.17661
5900	0.2086	1.6156	4.5847	1.2123	4.702	1.1820	6.5145	1.17912
6000	0.2482	1.6635	4.5934	1.2285	4.778	1.1845	6.5350	1.18157
6100	0.2820	1.7058	4.6010	1.2364	4.839	1.1875	6.5416	1.18441
6200	0.3189	1.7508	4.6092	1.2193	4.851	1.1904	6.5586	1.18705
6300	0.3558	1.7957	4.6174	1.2167	4.891	1.1934	6.5770	1.18973
6400	0.3926	1.8406	4.6255	1.2146	4.932	1.1965	6.5961	1.19243
6500	0.4293	1.8851	4.6335	1.2134	4.974	1.1995	6.6165	1.19517
6600	0.4659	1.9295	4.6415	1.2120	5.016	1.2027	6.6383	1.19797
6700	0.5024	1.9736	4.6495	1.2099	5.056	1.2060	6.6509	1.20079
6800	0.5389	2.0178	4.6576	1.2089	5.099	1.2093	6.6844	1.20365
6900	0.5751	2.0615	4.6655	1.2079	5.141	1.2127	6.7089	1.20656
7000	0.6114	2.1053	4.6734	1.2070	5.184	1.2162	6.7342	1.20950
7100	0.6472	2.1486	4.6812	1.2066	5.227	1.2198	6.7504	1.21250
7200	0.6830	2.1918	4.6890	1.2058	5.270	1.2234	6.7871	1.21551
7300	0.7186	2.2346	4.6967	1.2051	5.313	1.2271	6.8144	1.21859
7400	0.7541	2.2774	4.7044	1.2046	5.357	1.2310	6.8422	1.22166
7500	0.7893	2.3198	4.7120	1.2048	5.402	1.2349	6.8701	1.22476
7600	0.8242	2.3619	4.7196	1.2052	5.447	1.2389	6.8989	1.22790
7700	0.8587	2.4035	4.7271	1.2054	5.492	1.2429	6.9279	1.23107
7800	0.8932	2.4450	4.7345	1.2056	5.538	1.2471	6.9568	1.23424

S/R= 35.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7900	0.9272	2.4861	4.7419	1.2064	5.585	1.2514	6.9862	1.23745
8000	0.9610	2.5268	4.7492	1.2070	5.631	1.2558	7.0160	1.24068
8100	0.9944	2.5672	4.7564	1.2078	5.678	1.2602	7.0456	1.24390
8200	1.0275	2.6072	4.7636	1.2086	5.725	1.2647	7.0753	1.24712
8300	1.0602	2.6468	4.7706	1.2097	5.773	1.2694	7.1048	1.25035
8400	1.0927	2.6860	4.7777	1.2108	5.821	1.2741	7.1346	1.25360
8500	1.1248	2.7249	4.7846	1.2117	5.869	1.2790	7.1644	1.25684
8600	1.1566	2.7635	4.7915	1.2136	5.919	1.2839	7.1937	1.26006
8700	1.1879	2.8015	4.7982	1.2157	5.971	1.2889	7.2229	1.26327
8800	1.2188	2.8391	4.8050	1.2168	6.020	1.2941	7.2523	1.26650
8900	1.2494	2.8764	4.8116	1.2182	6.069	1.2993	7.2817	1.26970
9000	1.2797	2.9133	4.8182	1.2204	6.121	1.3046	7.3106	1.27289
9100	1.3096	2.9498	4.8247	1.2229	6.175	1.3101	7.3397	1.27609
9200	1.3391	2.9859	4.8312	1.2251	6.227	1.3157	7.3684	1.27925
9300	1.3681	3.0215	4.8375	1.2276	6.281	1.3214	7.3966	1.28237
9400	1.3968	3.0568	4.8438	1.2295	6.334	1.3273	7.4250	1.28549
9500	1.4252	3.0917	4.8501	1.2312	6.386	1.3332	7.4533	1.28860
9600	1.4532	3.1262	4.8562	1.2345	6.442	1.3393	7.4811	1.29166
9700	1.4807	3.1602	4.8623	1.2377	6.499	1.3455	7.5088	1.29471
9800	1.5080	3.1940	4.8684	1.2403	6.555	1.3518	7.5365	1.29775
9900	1.5348	3.2273	4.8744	1.2436	6.613	1.3583	7.5637	1.30073
10000	1.5612	3.2601	4.8803	1.2465	6.670	1.3649	7.5905	1.30366
10100	1.5873	3.2928	4.8861	1.2496	6.728	1.3717	7.6174	1.30659
10200	1.6130	3.3249	4.8919	1.2528	6.787	1.3786	7.6439	1.30947
10300	1.6384	3.3567	4.8977	1.2555	6.845	1.3856	7.6706	1.31235
10400	1.6634	3.3882	4.9033	1.2597	6.908	1.3928	7.6969	1.31517
10500	1.6879	3.4191	4.9090	1.2635	6.969	1.4001	7.7230	1.31797
10600	1.7123	3.4500	4.9146	1.2670	7.031	1.4077	7.7491	1.32072
10700	1.7362	3.4803	4.9201	1.2708	7.094	1.4153	7.7750	1.32344
10800	1.7598	3.5103	4.9255	1.2746	7.158	1.4231	7.8004	1.32608
10900	1.7831	3.5401	4.9310	1.2790	7.223	1.4312	7.8262	1.32874
11000	1.8060	3.5694	4.9364	1.2823	7.286	1.4393	7.8517	1.33133
11100	1.8286	3.5984	4.9417	1.2861	7.351	1.4476	7.8767	1.33386
11200	1.8509	3.6271	4.9470	1.2904	7.418	1.4560	7.9021	1.33641
11300	1.8727	3.6554	4.9522	1.2948	7.486	1.4646	7.9267	1.33885
11400	1.8943	3.6834	4.9574	1.2985	7.552	1.4733	7.9516	1.34127
11500	1.9158	3.7113	4.9625	1.3027	7.620	1.4823	7.9768	1.34367
11600	1.9367	3.7386	4.9676	1.3069	7.689	1.4914	8.0014	1.34600
11700	1.9576	3.7659	4.9727	1.3108	7.758	1.5006	8.0262	1.34826
11800	1.9780	3.7927	4.9777	1.3152	7.828	1.5100	8.0511	1.35053
11900	1.9983	3.8195	4.9828	1.3189	7.898	1.5197	8.0765	1.35275
12000	2.0182	3.8457	4.9877	1.3223	7.966	1.5293	8.1010	1.35488
12100	2.0379	3.8718	4.9927	1.3254	8.034	1.5392	8.1262	1.35699
12200	2.0574	3.8977	4.9976	1.3279	8.101	1.5491	8.1513	1.35905
12300	2.0768	3.9235	5.0025	1.3303	8.168	1.5593	8.1770	1.36109
12400	2.0958	3.9488	5.0073	1.3328	8.236	1.5694	8.2019	1.36302
12500	2.1148	3.9741	5.0122	1.3338	8.299	1.5796	8.2276	1.36495
12600	2.1336	3.9991	5.0170	1.3355	8.364	1.5899	8.2533	1.36683
12700	2.1521	4.0239	5.0218	1.3357	8.425	1.6002	8.2791	1.36867
12800	2.1705	4.0485	5.0265	1.3338	8.479	1.6104	8.3049	1.37041
12900	2.1890	4.0731	5.0313	1.3329	8.537	1.6207	8.3313	1.37214

S/R= 35.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.3024	-6.7388	2.5417	1.4016	0.605	1.0000	3.4806	1.00000
200	-5.5527	-5.6880	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-5.1137	-5.0730	3.0198	1.3999	1.048	1.0000	3.4891	1.00000
400	-4.8000	-4.6343	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-4.5518	-4.2893	3.2440	1.3865	1.346	1.0000	3.5074	1.00000
600	-4.3444	-4.0027	3.3256	1.3762	1.469	1.0000	3.5270	1.00000
700	-4.1635	-3.7548	3.3955	1.3650	1.581	1.0000	3.5515	1.00000
800	-4.0022	-3.5355	3.4572	1.3541	1.683	1.0000	3.5817	1.00000
900	-3.8552	-3.3374	3.5121	1.3445	1.779	1.0000	3.6129	1.00000
1000	-3.7209	-3.1573	3.5619	1.3363	1.869	1.0000	3.6467	1.00000
1100	-3.5961	-2.9911	3.6071	1.3275	1.954	1.0000	3.6791	1.00000
1200	-3.4791	-2.8363	3.6488	1.3216	2.036	1.0000	3.7122	1.00000
1300	-3.3704	-2.6929	3.6874	1.3168	2.116	1.0000	3.7452	1.00000
1400	-3.2677	-2.5579	3.7234	1.3107	2.191	1.0000	3.7779	1.00000
1500	-3.1695	-2.4296	3.7570	1.3039	2.262	1.0000	3.8101	1.00002
1600	-3.0759	-2.3079	3.7889	1.2960	2.329	1.0000	3.8436	1.00004
1700	-2.9857	-2.1914	3.8191	1.2876	2.393	1.0001	3.8782	1.00013
1800	-2.8977	-2.0785	3.8480	1.2773	2.452	1.0003	3.9150	1.00030
1900	-2.8107	-1.9678	3.8762	1.2645	2.507	1.0006	3.9573	1.00065
2000	-2.7231	-1.8577	3.9039	1.2493	2.558	1.0013	4.0071	1.00127
2100	-2.6334	-1.7464	3.9315	1.2326	2.605	1.0023	4.0666	1.00232
2200	-2.5402	-1.6322	3.9594	1.2156	2.650	1.0039	4.1401	1.00393
2300	-2.4423	-1.5140	3.9878	1.1998	2.695	1.0063	4.2273	1.00625
2400	-2.3393	-1.3912	4.0167	1.1862	2.741	1.0094	4.3302	1.00938
2500	-2.2314	-1.2639	4.0461	1.1753	2.790	1.0134	4.4479	1.01335
2600	-2.1195	-1.1329	4.0756	1.1672	2.843	1.0182	4.5773	1.01816
2700	-2.0051	-0.9997	4.1048	1.1615	2.898	1.0237	4.7146	1.02372
2800	-1.8894	-0.8656	4.1336	1.1579	2.955	1.0299	4.8581	1.02992
2900	-1.7741	-0.7322	4.1616	1.1555	3.014	1.0367	5.0025	1.03663
3000	-1.6596	-0.6000	4.1887	1.1550	3.075	1.0437	5.1467	1.04370
3100	-1.5485	-0.4717	4.2145	1.1562	3.139	1.0511	5.2856	1.05104
3200	-1.4409	-0.3472	4.2390	1.1578	3.203	1.0586	5.4177	1.05852
3300	-1.3375	-0.2273	4.2622	1.1602	3.267	1.0661	5.5423	1.06603
3400	-1.2384	-0.1123	4.2842	1.1632	3.332	1.0736	5.6589	1.07351
3500	-1.1441	-0.0024	4.3049	1.1668	3.398	1.0810	5.7654	1.08086
3600	-1.0545	0.1024	4.3245	1.1709	3.463	1.0882	5.8635	1.08805
3700	-0.9697	0.2018	4.3428	1.1754	3.529	1.0952	5.9512	1.09500
3800	-0.8896	0.2962	4.3601	1.1801	3.595	1.1019	6.0306	1.10169
3900	-0.8140	0.3856	4.3764	1.1853	3.660	1.1083	6.1006	1.10810
4000	-0.7427	0.4703	4.3917	1.1905	3.725	1.1145	6.1615	1.11419
4100	-0.6755	0.5505	4.4062	1.1960	3.790	1.1203	6.2151	1.11996
4200	-0.6122	0.6264	4.4199	1.2014	3.854	1.1258	6.2610	1.12540
4300	-0.5524	0.6983	4.4329	1.2069	3.918	1.1310	6.3006	1.13050
4400	-0.4959	0.7667	4.4451	1.2119	3.980	1.1358	6.3334	1.13530
4500	-0.4422	0.8319	4.4568	1.2167	4.041	1.1404	6.3620	1.13979
4600	-0.3913	0.8940	4.4679	1.2213	4.101	1.1446	6.3851	1.14400
4700	-0.3427	0.9535	4.4785	1.2251	4.159	1.1487	6.4045	1.14793
4800	-0.2960	1.0107	4.4888	1.2281	4.215	1.1524	6.4210	1.15162
4900	-0.2512	1.0659	4.4988	1.2232	4.257	1.1560	6.4353	1.15510
5000	-0.2056	1.1213	4.5087	1.2238	4.306	1.1590	6.4532	1.15799
5100	-0.1634	1.1733	4.5181	1.2315	4.369	1.1622	6.4641	1.16109
5200	-0.1223	1.2239	4.5272	1.2322	4.419	1.1653	6.4743	1.16407
5300	-0.0822	1.2733	4.5361	1.2316	4.466	1.1683	6.4843	1.16693
5400	-0.0426	1.3220	4.5449	1.2308	4.512	1.1712	6.4943	1.16972
5500	-0.0038	1.3699	4.5536	1.2308	4.559	1.1740	6.5047	1.17241

S/R= 35.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5600	0.0347	1.4172	4.5421	1.2298	4.604	1.1769	6.5154	1.17511
5700	0.0729	1.4641	4.5706	1.2275	4.646	1.1798	6.5270	1.17775
5800	0.1110	1.5108	4.5791	1.2223	4.682	1.1826	6.5407	1.18038
5900	0.1497	1.5580	4.5876	1.2132	4.710	1.1854	6.5573	1.18295
6000	0.1893	1.6058	4.5962	1.2250	4.779	1.1880	6.5775	1.18548
6100	0.2243	1.6495	4.6040	1.2305	4.835	1.1911	6.5872	1.18831
6200	0.2617	1.6950	4.6123	1.2164	4.853	1.1940	6.6053	1.19102
6300	0.2991	1.7404	4.6205	1.2138	4.892	1.1970	6.6247	1.19378
6400	0.3366	1.7859	4.6287	1.2116	4.933	1.2001	6.6451	1.19655
6500	0.3739	1.8310	4.6368	1.2104	4.975	1.2032	6.6670	1.19938
6600	0.4111	1.8760	4.6450	1.2088	5.017	1.2065	6.6900	1.20227
6700	0.4482	1.9208	4.6531	1.2068	5.058	1.2098	6.7139	1.20519
6800	0.4853	1.9656	4.6611	1.2058	5.100	1.2131	6.7389	1.20814
6900	0.5222	2.0100	4.6691	1.2048	5.143	1.2166	6.7648	1.21116
7000	0.5591	2.0544	4.6771	1.2040	5.186	1.2202	6.7916	1.21421
7100	0.5955	2.0984	4.6850	1.2035	5.229	1.2238	6.8191	1.21733
7200	0.6320	2.1422	4.6928	1.2027	5.272	1.2275	6.8472	1.22046
7300	0.6682	2.1857	4.7007	1.2019	5.315	1.2313	6.8758	1.22365
7400	0.7043	2.2291	4.7084	1.2014	5.359	1.2352	6.9050	1.22685
7500	0.7401	2.2721	4.7161	1.2018	5.404	1.2391	6.9343	1.23006
7600	0.7756	2.3148	4.7237	1.2023	5.450	1.2432	6.9643	1.23334
7700	0.8107	2.3570	4.7312	1.2024	5.495	1.2473	6.9944	1.23662
7800	0.8457	2.3990	4.7387	1.2024	5.540	1.2515	7.0246	1.23992
7900	0.8803	2.4407	4.7461	1.2032	5.587	1.2558	7.0552	1.24325
8000	0.9146	2.4819	4.7535	1.2039	5.634	1.2602	7.0861	1.24660
8100	0.9485	2.5229	4.7608	1.2048	5.681	1.2647	7.1167	1.24995
8200	0.9821	2.5633	4.7680	1.2058	5.729	1.2693	7.1475	1.25330
8300	1.0153	2.6034	4.7751	1.2065	5.776	1.2739	7.1779	1.25664
8400	1.0482	2.6431	4.7821	1.2074	5.823	1.2786	7.2086	1.26001
8500	1.0809	2.6825	4.7891	1.2083	5.871	1.2835	7.2393	1.26337
8600	1.1131	2.7215	4.7960	1.2102	5.921	1.2884	7.2695	1.26671
8700	1.1448	2.7599	4.8028	1.2124	5.973	1.2934	7.2993	1.27004
8800	1.1762	2.7980	4.8095	1.2138	6.022	1.2985	7.3295	1.27338
8900	1.2072	2.8356	4.8162	1.2149	6.071	1.3037	7.3596	1.27670
9000	1.2379	2.8729	4.8228	1.2167	6.122	1.3090	7.3891	1.28000
9100	1.2682	2.9098	4.8294	1.2190	6.175	1.3145	7.4189	1.28332
9200	1.2980	2.9462	4.8358	1.2211	6.227	1.3200	7.4481	1.28660
9300	1.3274	2.9822	4.8422	1.2235	6.280	1.3256	7.4767	1.28982
9400	1.3565	3.0178	4.8485	1.2258	6.334	1.3314	7.5056	1.29306
9500	1.3852	3.0530	4.8548	1.2276	6.386	1.3373	7.5344	1.29627
9600	1.4136	3.0879	4.8609	1.2304	6.441	1.3432	7.5626	1.29945
9700	1.4414	3.1221	4.8671	1.2331	6.497	1.3493	7.5907	1.30260
9800	1.4690	3.1562	4.8731	1.2355	6.551	1.3555	7.6186	1.30575
9900	1.4961	3.1897	4.8791	1.2387	6.608	1.3619	7.6461	1.30884
10000	1.5228	3.2229	4.8850	1.2415	6.665	1.3683	7.6731	1.31187
10100	1.5493	3.2557	4.8908	1.2449	6.724	1.3749	7.7002	1.31489
10200	1.5752	3.2881	4.8966	1.2485	6.783	1.3817	7.7270	1.31789
10300	1.6009	3.3201	4.9024	1.2508	6.840	1.3886	7.7539	1.32087
10400	1.6262	3.3518	4.9080	1.2542	6.899	1.3956	7.7802	1.32379
10500	1.6510	3.3830	4.9136	1.2577	6.960	1.4027	7.8063	1.32668
10600	1.6756	3.4140	4.9192	1.2610	7.021	1.4100	7.8324	1.32953
10700	1.6998	3.4445	4.9247	1.2647	7.082	1.4175	7.8583	1.33236
10800	1.7236	3.4747	4.9301	1.2684	7.145	1.4250	7.8835	1.33509
10900	1.7472	3.5046	4.9356	1.2729	7.210	1.4328	7.9093	1.33784
11000	1.7703	3.5342	4.9409	1.2767	7.274	1.4408	7.9347	1.34053

S/R= 35.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11100	1.7931	3.5633	4.9462	1.2804	7.338	1.4488	7.9597	1.34316
11200	1.8156	3.5922	4.9515	1.2839	7.402	1.4570	7.9851	1.34580
11300	1.8377	3.6206	4.9567	1.2879	7.467	1.4653	8.0093	1.34833
11400	1.8595	3.6487	4.9618	1.2915	7.532	1.4737	8.0340	1.35085
11500	1.8812	3.6768	4.9670	1.2956	7.600	1.4824	8.0588	1.35333
11600	1.9023	3.7042	4.9720	1.2997	7.667	1.4912	8.0831	1.35575
11700	1.9234	3.7316	4.9771	1.3036	7.735	1.5001	8.1075	1.35811
11800	1.9440	3.7585	4.9821	1.3080	7.805	1.5092	8.1320	1.36047
11900	1.9645	3.7853	4.9871	1.3119	7.874	1.5186	8.1569	1.36278
12000	1.9845	3.8117	4.9920	1.3154	7.942	1.5279	8.1811	1.36500
12100	2.0044	3.8379	4.9969	1.3186	8.009	1.5374	8.2057	1.36720
12200	2.0241	3.8638	5.0018	1.3214	8.076	1.5471	8.2302	1.36935
12300	2.0436	3.8896	5.0066	1.3241	8.143	1.5569	8.2553	1.37147
12400	2.0627	3.9150	5.0114	1.3269	8.210	1.5667	8.2797	1.37349
12500	2.0818	3.9403	5.0162	1.3283	8.274	1.5767	8.3048	1.37552
12600	2.1007	3.9654	5.0210	1.3305	8.340	1.5867	8.3298	1.37748
12700	2.1193	3.9902	5.0258	1.3311	8.402	1.5968	8.3551	1.37940
12800	2.1378	4.0148	5.0305	1.3298	8.457	1.6068	8.3802	1.38124
12900	2.1563	4.0394	5.0352	1.3293	8.515	1.6168	8.4059	1.38305
13000	2.1746	4.0638	5.0399	1.3277	8.569	1.6269	8.4321	1.38484
13100	2.1930	4.0881	5.0446	1.3260	8.623	1.6368	8.4582	1.38657

S/R= 35.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.3891	-6.8256	2.5417	1.4016	0.605	1.0000	3.4806	1.00000
200	-5.6395	-5.7749	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-5.2004	-5.1597	3.0198	1.3999	1.048	1.0000	3.4891	1.00000
400	-4.8868	-4.7211	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-4.6387	-4.3761	3.2440	1.3866	1.346	1.0000	3.5074	1.00000
600	-4.4313	-4.0895	3.3256	1.3762	1.469	1.0000	3.5270	1.00000
700	-4.2503	-3.8416	3.3955	1.3649	1.581	1.0000	3.5515	1.00000
800	-4.0889	-3.6222	3.4572	1.3542	1.683	1.0000	3.5817	1.00000
900	-3.9422	-3.4243	3.5121	1.3447	1.779	1.0000	3.6129	1.00000
1000	-3.8078	-3.2442	3.5619	1.3363	1.869	1.0000	3.6467	1.00000
1100	-3.6830	-3.0781	3.6071	1.3275	1.954	1.0000	3.6791	1.00000
1200	-3.5661	-2.9233	3.6488	1.3213	2.036	1.0000	3.7122	1.00000
1300	-3.4573	-2.7797	3.6874	1.3164	2.115	1.0000	3.7452	1.00000
1400	-3.3544	-2.6447	3.7234	1.3107	2.191	1.0000	3.7779	1.00000
1500	-3.2564	-2.5164	3.7570	1.3040	2.262	1.0000	3.8102	1.00002
1600	-3.1627	-2.3947	3.7889	1.2957	2.328	1.0000	3.8438	1.00005
1700	-3.0724	-2.2780	3.8191	1.2871	2.392	1.0001	3.8787	1.00014
1800	-2.9841	-2.1649	3.8481	1.2762	2.451	1.0003	3.9161	1.00033
1900	-2.8966	-2.0536	3.8764	1.2627	2.506	1.0007	3.9595	1.00072
2000	-2.8082	-1.9427	3.9043	1.2468	2.555	1.0014	4.0111	1.00140
2100	-2.7172	-1.8301	3.9322	1.2294	2.602	1.0026	4.0734	1.00255
2200	-2.6222	-1.7141	3.9606	1.2120	2.646	1.0043	4.1509	1.00432
2300	-2.5221	-1.5935	3.9894	1.1960	2.691	1.0068	4.2431	1.00685
2400	-2.4164	-1.4679	4.0189	1.1825	2.738	1.0102	4.3517	1.01023
2500	-2.3056	-1.3375	4.0488	1.1719	2.788	1.0145	4.4759	1.01450
2600	-2.1907	-1.2034	4.0788	1.1642	2.841	1.0196	4.6118	1.01964
2700	-2.0734	-1.0672	4.1085	1.1589	2.897	1.0255	4.7553	1.02553
2800	-1.9550	-0.9303	4.1378	1.1556	2.955	1.0321	4.9045	1.03206
2900	-1.8372	-0.7943	4.1660	1.1536	3.015	1.0391	5.0539	1.03910
3000	-1.7207	-0.6600	4.1933	1.1535	3.077	1.0465	5.2023	1.04647

S/R= 35.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3100	-1.6080	-0.5298	4.2193	1.1549	3.141	1.0541	5.3446	1.05408
3200	-1.4989	-0.4039	4.2439	1.1568	3.206	1.0619	5.4794	1.06182
3300	-1.3944	-0.2828	4.2672	1.1594	3.271	1.0696	5.6059	1.06955
3400	-1.2945	-0.1668	4.2892	1.1626	3.337	1.0773	5.7239	1.07722
3500	-1.1994	-0.0563	4.3098	1.1665	3.403	1.0848	5.8313	1.08473
3600	-1.1096	0.0488	4.3293	1.1708	3.470	1.0922	5.9291	1.09205
3700	-1.0247	0.1485	4.3475	1.1755	3.536	1.0993	6.0164	1.09911
3800	-0.9446	0.2428	4.3648	1.1805	3.602	1.1060	6.0949	1.10587
3900	-0.8691	0.3321	4.3809	1.1859	3.668	1.1125	6.1637	1.11233
4000	-0.7982	0.4165	4.3961	1.1914	3.734	1.1187	6.2232	1.11845
4100	-0.7313	0.4963	4.4104	1.1970	3.799	1.1245	6.2750	1.12423
4200	-0.6685	0.5717	4.4239	1.2027	3.863	1.1300	6.3193	1.12965
4300	-0.6092	0.6432	4.4367	1.2082	3.927	1.1351	6.3567	1.13472
4400	-0.5532	0.7110	4.4488	1.2133	3.989	1.1399	6.3875	1.13946
4500	-0.5000	0.7756	4.4603	1.2181	4.050	1.1444	6.4140	1.14390
4600	-0.4496	0.8372	4.4713	1.2226	4.110	1.1486	6.4351	1.14804
4700	-0.4014	0.8962	4.4818	1.2263	4.168	1.1525	6.4528	1.15191
4800	-0.3552	0.9530	4.4920	1.2293	4.224	1.1562	6.4675	1.15553
4900	-0.3106	1.0078	4.5018	1.2243	4.265	1.1597	6.4805	1.15894
5000	-0.2653	1.0630	4.5117	1.2248	4.315	1.1627	6.4972	1.16178
5100	-0.2233	1.1148	4.5210	1.2323	4.377	1.1658	6.5072	1.16484
5200	-0.1823	1.1653	4.5300	1.2323	4.426	1.1688	6.5167	1.16778
5300	-0.1422	1.2147	4.5389	1.2310	4.471	1.1718	6.5262	1.17061
5400	-0.1025	1.2635	4.5477	1.2295	4.516	1.1747	6.5360	1.17337
5500	-0.0635	1.3115	4.5564	1.2281	4.560	1.1775	6.5464	1.17605
5600	-0.0246	1.3591	4.5649	1.2262	4.604	1.1803	6.5578	1.17875
5700	0.0139	1.4064	4.5734	1.2249	4.648	1.1831	6.5700	1.18140
5800	0.0522	1.4533	4.5819	1.2216	4.688	1.1860	6.5838	1.18406
5900	0.0909	1.5005	4.5904	1.2141	4.719	1.1888	6.6002	1.18670
6000	0.1305	1.5483	4.5990	1.2216	4.779	1.1915	6.6198	1.18932
6100	0.1670	1.5934	4.6070	1.2245	4.830	1.1946	6.6331	1.19215
6200	0.2049	1.6394	4.6154	1.2135	4.854	1.1976	6.6524	1.19493
6300	0.2429	1.6855	4.6237	1.2108	4.894	1.2006	6.6731	1.19776
6400	0.2810	1.7316	4.6319	1.2087	4.935	1.2037	6.6948	1.20062
6500	0.3189	1.7774	4.6402	1.2073	4.977	1.2070	6.7181	1.20355
6600	0.3568	1.8230	4.6484	1.2058	5.019	1.2103	6.7426	1.20654
6700	0.3945	1.8685	4.6565	1.2038	5.059	1.2136	6.7679	1.20956
6800	0.4323	1.9140	4.6647	1.2027	5.102	1.2171	6.7944	1.21262
6900	0.4698	1.9590	4.6727	1.2017	5.145	1.2206	6.8218	1.21575
7000	0.5073	2.0042	4.6808	1.2009	5.188	1.2242	6.8501	1.21892
7100	0.5445	2.0488	4.6888	1.2006	5.232	1.2279	6.8791	1.22216
7200	0.5815	2.0932	4.6967	1.1999	5.275	1.2317	6.9086	1.22541
7300	0.6183	2.1374	4.7046	1.1990	5.318	1.2356	6.9387	1.22872
7400	0.6551	2.1814	4.7124	1.1984	5.361	1.2395	6.9692	1.23205
7500	0.6915	2.2251	4.7202	1.1989	5.407	1.2435	6.9999	1.23539
7600	0.7276	2.2684	4.7278	1.1994	5.453	1.2476	7.0312	1.23879
7700	0.7633	2.3112	4.7354	1.1997	5.499	1.2518	7.0624	1.24219
7800	0.7988	2.3538	4.7430	1.1997	5.544	1.2561	7.0939	1.24562
7900	0.8340	2.3960	4.7505	1.2002	5.590	1.2604	7.1256	1.24907
8000	0.8688	2.4378	4.7579	1.2009	5.637	1.2649	7.1577	1.25255
8100	0.9033	2.4792	4.7652	1.2018	5.685	1.2694	7.1894	1.25602
8200	0.9374	2.5202	4.7724	1.2028	5.732	1.2740	7.2211	1.25950
8300	0.9711	2.5608	4.7795	1.2039	5.780	1.2786	7.2526	1.26296
8400	1.0045	2.6009	4.7867	1.2045	5.827	1.2834	7.2842	1.26645
8500	1.0375	2.6408	4.7937	1.2051	5.874	1.2882	7.3159	1.26994

S/R= 35.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8600	1.3793	2.6802	4.8005	1.2370	5.925	1.2931	7.3467	1.27340
8700	1.1024	2.7191	4.8074	1.2391	5.976	1.2981	7.3775	1.27684
8800	1.1342	2.7575	4.8142	1.2106	6.025	1.3032	7.4083	1.28031
8900	1.1656	2.7956	4.8209	1.2120	6.075	1.3084	7.4391	1.28374
9000	1.1966	2.8332	4.8275	1.2137	6.126	1.3137	7.4693	1.28716
9100	1.2273	2.8705	4.8341	1.2155	6.177	1.3191	7.4996	1.29059
9200	1.2575	2.9073	4.8406	1.2174	6.229	1.3246	7.5294	1.29398
9300	1.2873	2.9435	4.8469	1.2198	6.281	1.3301	7.5586	1.29732
9400	1.3167	2.9794	4.8532	1.2219	6.334	1.3358	7.5879	1.30067
9500	1.3458	3.0150	4.8595	1.2240	6.387	1.3416	7.6171	1.30399
9600	1.3745	3.0501	4.8657	1.2272	6.443	1.3476	7.6458	1.30727
9700	1.4026	3.0847	4.8718	1.2295	6.497	1.3536	7.6742	1.31053
9800	1.4305	3.1190	4.8779	1.2313	6.550	1.3597	7.7025	1.31379
9900	1.4579	3.1528	4.8838	1.2342	6.606	1.3659	7.7303	1.31698
10000	1.4849	3.1862	4.8897	1.2369	6.662	1.3722	7.7574	1.32012
10100	1.5117	3.2193	4.8956	1.2402	6.720	1.3787	7.7847	1.32325
10200	1.5379	3.2519	4.9013	1.2437	6.779	1.3853	7.8115	1.32634
10300	1.5638	3.2842	4.9071	1.2465	6.837	1.3921	7.8387	1.32942
10400	1.5894	3.3161	4.9127	1.2501	6.896	1.3990	7.8652	1.33244
10500	1.6144	3.3474	4.9183	1.2527	6.954	1.4059	7.8915	1.33544
10600	1.6393	3.3786	4.9239	1.2556	7.013	1.4130	7.9175	1.33838
10700	1.6637	3.4093	4.9294	1.2590	7.073	1.4202	7.9434	1.34130
10800	1.6878	3.4397	4.9348	1.2626	7.135	1.4276	7.9685	1.34413
10900	1.7116	3.4698	4.9402	1.2670	7.199	1.4352	7.9942	1.34698
11000	1.7350	3.4995	4.9455	1.2708	7.262	1.4429	8.0195	1.34976
11100	1.7580	3.5288	4.9508	1.2748	7.327	1.4507	8.0444	1.35248
11200	1.7807	3.5578	4.9561	1.2787	7.391	1.4587	8.0696	1.35522
11300	1.8030	3.5863	4.9612	1.2821	7.455	1.4668	8.0939	1.35784
11400	1.8250	3.6146	4.9664	1.2849	7.517	1.4750	8.1183	1.36045
11500	1.8470	3.6428	4.9715	1.2889	7.583	1.4834	8.1428	1.36303
11600	1.8683	3.6703	4.9765	1.2929	7.649	1.4918	8.1668	1.36554
11700	1.8895	3.6978	4.9815	1.2968	7.716	1.5005	8.1909	1.36799
11800	1.9103	3.7248	4.9865	1.3012	7.785	1.5093	8.2149	1.37044
11900	1.9310	3.7518	4.9914	1.3051	7.853	1.5183	8.2394	1.37284
12000	1.9512	3.7782	4.9963	1.3086	7.920	1.5273	8.2631	1.37515
12100	1.9712	3.8044	5.0012	1.3120	7.987	1.5366	8.2872	1.37743
12200	1.9910	3.8304	5.0060	1.3149	8.053	1.5459	8.3112	1.37967
12300	2.0107	3.8563	5.0108	1.3179	8.120	1.5555	8.3357	1.38189
12400	2.0300	3.8817	5.0156	1.3210	8.188	1.5650	8.3595	1.38399
12500	2.0491	3.9071	5.0204	1.3227	8.251	1.5747	8.3840	1.38610
12600	2.0681	3.9322	5.0251	1.3253	8.318	1.5845	8.4085	1.38816
12700	2.0868	3.9570	5.0298	1.3266	8.381	1.5942	8.4331	1.39016
12800	2.1053	3.9816	5.0345	1.3256	8.436	1.6040	8.4575	1.39208
12900	2.1239	4.0062	5.0391	1.3258	8.496	1.6138	8.4825	1.39398
13000	2.1423	4.0306	5.0438	1.3251	8.552	1.6237	8.5080	1.39586
13100	2.1606	4.0548	5.0484	1.3225	8.602	1.6334	8.5333	1.39767
13200	2.1788	4.0789	5.0530	1.3198	8.652	1.6431	8.5589	1.39942
13300	2.1970	4.1029	5.0576	1.3184	8.705	1.6526	8.5851	1.40117

S/R= 36.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.4761	-6.9125	2.5417	1.4016	0.605	1.0000	3.4806	1.00000
200	-5.7265	-5.8619	2.8434	1.4013	0.856	1.0000	3.4862	1.00000
300	-5.2872	-5.2464	3.0198	1.3998	1.048	1.0000	3.4891	1.00000

S/R= 36.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	1/RT	Z*
400	-4.9735	-4.8079	3.1455	1.3951	1.208	1.0000	3.4952	1.00000
500	-4.7256	-4.4631	3.2440	1.3868	1.347	1.0000	3.5074	1.00000
600	-4.5183	-4.1765	3.3256	1.3761	1.469	1.0000	3.5270	1.00000
700	-4.3371	-3.9284	3.3955	1.3647	1.581	1.0000	3.5516	1.00000
800	-4.1757	-3.7090	3.4572	1.3544	1.683	1.0000	3.5817	1.00000
900	-4.0291	-3.5112	3.5121	1.3447	1.779	1.0000	3.6129	1.00000
1000	-3.8946	-3.3310	3.5619	1.3364	1.869	1.0000	3.6467	1.00000
1100	-3.7700	-3.1650	3.6071	1.3278	1.954	1.0000	3.6791	1.00000
1200	-3.6531	-3.0103	3.6488	1.3209	2.036	1.0000	3.7122	1.00000
1300	-3.5440	-2.8665	3.6874	1.3161	2.115	1.0000	3.7452	1.00000
1400	-3.4413	-2.7316	3.7234	1.3109	2.191	1.0000	3.7779	1.00000
1500	-3.3432	-2.6032	3.7570	1.3039	2.262	1.0000	3.8103	1.00002
1600	-3.2495	-2.4815	3.7889	1.2954	2.328	1.0001	3.8440	1.00005
1700	-3.1590	-2.3646	3.8192	1.2864	2.392	1.0002	3.8793	1.00015
1800	-3.0705	-2.2512	3.8483	1.2751	2.450	1.0004	3.9173	1.00037
1900	-2.9824	-2.1394	3.8767	1.2609	2.504	1.0008	3.9619	1.00079
2000	-2.8931	-2.0275	3.9048	1.2441	2.553	1.0016	4.0155	1.00154
2100	-2.8008	-1.9135	3.9330	1.2260	2.598	1.0028	4.0809	1.00281
2200	-2.7038	-1.7955	3.9618	1.2082	2.643	1.0047	4.1526	1.00474
2300	-2.6012	-1.6724	3.9912	1.1921	2.688	1.0075	4.2301	1.00749
2400	-2.4927	-1.5439	4.0212	1.1788	2.735	1.0111	4.3150	1.01114
2500	-2.3789	-1.4103	4.0517	1.1685	2.786	1.0157	4.4058	1.01573
2600	-2.2609	-1.2730	4.0823	1.1612	2.839	1.0212	4.4983	1.02120
2700	-2.1407	-1.1337	4.1124	1.1563	2.896	1.0274	4.5982	1.02743
2800	-2.0196	-0.9939	4.1420	1.1535	2.956	1.0343	4.6931	1.03430
2900	-1.8995	-0.8555	4.1706	1.1518	3.016	1.0417	4.7975	1.04167
3000	-1.7810	-0.7191	4.1981	1.1520	3.080	1.0494	4.9059	1.04933
3100	-1.6665	-0.5871	4.2242	1.1537	3.144	1.0573	5.0154	1.05722
3200	-1.5561	-0.4597	4.2489	1.1559	3.210	1.0652	5.1227	1.06520
3300	-1.4506	-0.3375	4.2722	1.1587	3.276	1.0732	5.2309	1.07314
3400	-1.3499	-0.2208	4.2941	1.1622	3.342	1.0811	5.3398	1.08099
3500	-1.2546	-0.1097	4.3147	1.1663	3.409	1.0887	5.4493	1.08866
3600	-1.1643	-0.0043	4.3341	1.1708	3.476	1.0962	5.5593	1.09610
3700	-1.0793	0.0955	4.3522	1.1758	3.543	1.1034	5.6682	1.10325
3800	-0.9993	0.1897	4.3693	1.1810	3.610	1.1102	5.7759	1.11007
3900	-0.9241	0.2788	4.3853	1.1866	3.676	1.1168	5.8826	1.11656
4000	-0.8535	0.3627	4.4003	1.1924	3.742	1.1229	5.9846	1.12270
4100	-0.7872	0.4421	4.4145	1.1982	3.808	1.1287	6.0846	1.12846
4200	-0.7248	0.5170	4.4278	1.2040	3.873	1.1342	6.1764	1.13385
4300	-0.6661	0.5879	4.4405	1.2097	3.937	1.1392	6.2619	1.13887
4400	-0.6106	0.6551	4.4524	1.2148	3.999	1.1440	6.3405	1.14356
4500	-0.5580	0.7191	4.4638	1.2197	4.060	1.1484	6.4149	1.14793
4600	-0.5081	0.7802	4.4746	1.2241	4.120	1.1525	6.4840	1.15200
4700	-0.4603	0.8387	4.4850	1.2275	4.177	1.1563	6.5498	1.15578
4800	-0.4145	0.8950	4.4950	1.2302	4.232	1.1600	6.6131	1.15934
4900	-0.3703	0.9495	4.5048	1.2251	4.273	1.1634	6.6746	1.16268
5000	-0.3253	1.0044	4.5146	1.2254	4.323	1.1662	6.7301	1.16546
5100	-0.2833	1.0560	4.5238	1.2327	4.385	1.1693	6.7842	1.16847
5200	-0.2424	1.1065	4.5328	1.2325	4.433	1.1723	6.8358	1.17136
5300	-0.2022	1.1560	4.5417	1.2307	4.477	1.1752	6.8853	1.17417
5400	-0.1625	1.2049	4.5504	1.2285	4.521	1.1780	6.9327	1.17691
5500	-0.1232	1.2531	4.5591	1.2263	4.564	1.1808	6.9785	1.17959
5600	-0.0841	1.3010	4.5677	1.2235	4.605	1.1836	7.0229	1.18229
5700	-0.0451	1.3487	4.5762	1.2215	4.648	1.1864	7.0612	1.18496
5800	-0.0064	1.3959	4.5847	1.2194	4.690	1.1893	7.0958	1.18767



S/R= 36.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5900	0.3325	1.4432	4.5932	1.2143	4.726	1.1922	6.6433	1.19038
6000	0.0720	1.4911	4.6018	1.2182	4.779	1.1950	6.6626	1.19309
6100	0.1099	1.5375	4.6101	1.2187	4.826	1.1981	6.6794	1.19593
6200	0.1484	1.5843	4.6185	1.2105	4.855	1.2011	6.7000	1.19879
6300	0.1871	1.6310	4.6269	1.2078	4.895	1.2042	6.7222	1.20171
6400	0.2258	1.6777	4.6352	1.2057	4.936	1.2074	6.7453	1.20466
6500	0.2644	1.7242	4.6435	1.2043	4.978	1.2107	6.7700	1.20768
6600	0.3029	1.7706	4.6518	1.2028	5.020	1.2141	6.7961	1.21078
6700	0.3413	1.8167	4.6601	1.2009	5.061	1.2175	6.8231	1.21391
6800	0.3798	1.8629	4.6683	1.1998	5.104	1.2210	6.8511	1.21709
6900	0.4180	1.9087	4.6764	1.1988	5.147	1.2247	6.8800	1.22034
7000	0.4562	1.9545	4.6846	1.1980	5.190	1.2284	6.9099	1.22363
7100	0.4940	1.9998	4.6926	1.1977	5.234	1.2322	6.9404	1.22699
7200	0.5317	2.0449	4.7007	1.1970	5.278	1.2360	6.9714	1.23037
7300	0.5692	2.0897	4.7086	1.1963	5.321	1.2400	7.0029	1.23381
7400	0.6065	2.1344	4.7165	1.1957	5.365	1.2440	7.0348	1.23726
7500	0.6435	2.1787	4.7243	1.1961	5.411	1.2480	7.0669	1.24073
7600	0.6803	2.2226	4.7320	1.1966	5.457	1.2522	7.0995	1.24426
7700	0.7165	2.2660	4.7397	1.1969	5.503	1.2565	7.1321	1.24779
7800	0.7526	2.3092	4.7473	1.1971	5.548	1.2608	7.1648	1.25134
7900	0.7883	2.3520	4.7548	1.1976	5.595	1.2652	7.1977	1.25493
8000	0.8237	2.3943	4.7623	1.1982	5.642	1.2697	7.2308	1.25853
8100	0.8587	2.4363	4.7696	1.1990	5.689	1.2742	7.2636	1.26213
8200	0.8933	2.4778	4.7769	1.2000	5.736	1.2789	7.2965	1.26573
8300	0.9275	2.5188	4.7841	1.2011	5.785	1.2836	7.3289	1.26932
8400	0.9613	2.5595	4.7912	1.2019	5.832	1.2884	7.3614	1.27294
8500	0.9948	2.5998	4.7983	1.2025	5.879	1.2932	7.3939	1.27655
8600	1.0280	2.6396	4.8052	1.2041	5.929	1.2981	7.4257	1.28012
8700	1.0605	2.6789	4.8121	1.2061	5.980	1.3031	7.4571	1.28369
8800	1.0927	2.7177	4.8189	1.2075	6.029	1.3082	7.4887	1.28727
8900	1.1246	2.7562	4.8256	1.2088	6.079	1.3134	7.5202	1.29082
9000	1.1560	2.7942	4.8322	1.2109	6.130	1.3187	7.5510	1.29436
9100	1.1870	2.8318	4.8388	1.2128	6.182	1.3241	7.5820	1.29790
9200	1.2176	2.8689	4.8453	1.2143	6.232	1.3295	7.6124	1.30140
9300	1.2477	2.9055	4.8517	1.2163	6.284	1.3350	7.6420	1.30486
9400	1.2775	2.9418	4.8580	1.2183	6.336	1.3406	7.6718	1.30831
9500	1.3069	2.9776	4.8643	1.2204	6.389	1.3464	7.7014	1.31175
9600	1.3359	3.0130	4.8705	1.2236	6.445	1.3522	7.7305	1.31514
9700	1.3643	3.0479	4.8766	1.2263	6.500	1.3582	7.7593	1.31851
9800	1.3925	3.0824	4.8827	1.2280	6.552	1.3642	7.7880	1.32187
9900	1.4202	3.1165	4.8886	1.2302	6.606	1.3703	7.8160	1.32516
10000	1.4475	3.1501	4.8945	1.2327	6.661	1.3765	7.8434	1.32841
10100	1.4745	3.1835	4.9003	1.2359	6.719	1.3829	7.8708	1.33163
10200	1.5010	3.2163	4.9061	1.2392	6.777	1.3893	7.8979	1.33483
10300	1.5272	3.2488	4.9118	1.2420	6.834	1.3960	7.9251	1.33802
10400	1.5530	3.2809	4.9175	1.2458	6.894	1.4027	7.9517	1.34113
10500	1.5783	3.3124	4.9231	1.2489	6.952	1.4096	7.9781	1.34422
10600	1.6034	3.3438	4.9286	1.2512	7.009	1.4166	8.0043	1.34727
10700	1.6281	3.3747	4.9341	1.2540	7.067	1.4236	8.0302	1.35029
10800	1.6524	3.4053	4.9395	1.2573	7.128	1.4307	8.0553	1.35321
10900	1.6764	3.4355	4.9449	1.2615	7.191	1.4381	8.0808	1.35615
11000	1.7001	3.4654	4.9502	1.2651	7.253	1.4456	8.1059	1.35903
11100	1.7233	3.4948	4.9554	1.2690	7.316	1.4532	8.1306	1.36184
11200	1.7462	3.5239	4.9607	1.2730	7.380	1.4610	8.1558	1.36467
11300	1.7687	3.5526	4.9658	1.2770	7.445	1.4688	8.1799	1.36739

S/R= 36.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11400	1.7909	3.5810	4.9709	1.2799	7.507	1.4768	8.2043	1.37009
11500	1.8130	3.6093	4.9760	1.2831	7.570	1.4850	8.2287	1.37275
11600	1.8345	3.6370	4.9810	1.2866	7.634	1.4932	8.2524	1.37536
11700	1.8559	3.6645	4.9860	1.2903	7.699	1.5016	8.2760	1.37789
11800	1.8769	3.6917	4.9909	1.2947	7.767	1.5101	8.2997	1.38043
11900	1.8978	3.7187	4.9959	1.2985	7.834	1.5188	8.3237	1.38293
12000	1.9181	3.7452	5.0007	1.3022	7.901	1.5276	8.3470	1.38532
12100	1.9383	3.7715	5.0055	1.3057	7.967	1.5365	8.3706	1.38769
12200	1.9583	3.7976	5.0103	1.3087	8.033	1.5456	8.3942	1.39002
12300	1.9781	3.8235	5.0151	1.3118	8.100	1.5548	8.4182	1.39232
12400	1.9975	3.8490	5.0198	1.3150	8.167	1.5641	8.4414	1.39451
12500	2.0168	3.8744	5.0246	1.3171	8.231	1.5735	8.4653	1.39671
12600	2.0358	3.8995	5.0292	1.3200	8.298	1.5830	8.4891	1.39885
12700	2.0546	3.9243	5.0339	1.3218	8.361	1.5925	8.5130	1.40094
12800	2.0732	3.9489	5.0385	1.3214	8.418	1.6021	8.5368	1.40295
12900	2.0918	3.9735	5.0431	1.3221	8.478	1.6117	8.5511	1.40493
13000	2.1102	3.9979	5.0477	1.3221	8.536	1.6213	8.5858	1.40689
13100	2.1285	4.0221	5.0523	1.3203	8.588	1.6309	8.6105	1.40878
13200	2.1468	4.0461	5.0569	1.3183	8.640	1.6404	8.6353	1.41061
13300	2.1649	4.0700	5.0614	1.3143	8.684	1.6497	8.6606	1.41244
13400	2.1832	4.0940	5.0659	1.3113	8.731	1.6590	8.6865	1.41420

S/R= 36.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.5630	-6.9994	2.5417	1.4016	0.605	1.0000	3.4806	1.00000
200	-5.8134	-5.9488	2.8434	1.4012	0.856	1.0000	3.4862	1.00000
300	-5.3739	-5.3332	3.0198	1.3998	1.048	1.0000	3.4991	1.00000
400	-5.0604	-4.8948	3.1455	1.3952	1.208	1.0000	3.4952	1.00000
500	-4.8126	-4.5500	3.2440	1.3868	1.347	1.0000	3.5074	1.00000
600	-4.6052	-4.2635	3.3256	1.3760	1.469	1.0000	3.5270	1.00000
700	-4.4239	-4.0152	3.3955	1.3646	1.580	1.0000	3.5516	1.00000
800	-4.2626	-3.7959	3.4572	1.3543	1.683	1.0000	3.5917	1.00000
900	-4.1158	-3.5980	3.5121	1.3446	1.779	1.0000	3.6129	1.00000
1000	-3.9813	-3.4177	3.5619	1.3365	1.869	1.0000	3.6467	1.00000
1100	-3.8568	-3.2518	3.6071	1.3281	1.955	1.0000	3.6791	1.00000
1200	-3.7400	-3.0972	3.6488	1.3209	2.036	1.0000	3.7122	1.00000
1300	-3.6309	-2.9533	3.6874	1.3161	2.115	1.0000	3.7452	1.00000
1400	-3.5283	-2.8185	3.7234	1.3109	2.191	1.0000	3.7779	1.00000
1500	-3.4300	-2.6901	3.7571	1.3035	2.261	1.0000	3.8104	1.00002
1600	-3.3362	-2.5682	3.7889	1.2951	2.328	1.0001	3.8442	1.00006
1700	-3.2456	-2.4512	3.8193	1.2858	2.391	1.0002	3.8798	1.00017
1800	-3.1567	-2.3374	3.8484	1.2738	2.449	1.0004	3.9186	1.00041
1900	-3.0680	-2.2251	3.8769	1.2589	2.502	1.0009	3.9645	1.00087
2000	-2.9778	-2.1121	3.9053	1.2413	2.550	1.0017	4.0204	1.00170
2100	-2.8839	-1.9965	3.9338	1.2225	2.595	1.0031	4.0891	1.00309
2200	-2.7850	-1.8764	3.9631	1.2043	2.639	1.0052	4.1753	1.00520
2300	-2.6798	-1.7507	3.9930	1.1882	2.684	1.0082	4.2785	1.00818
2400	-2.5683	-1.6190	4.0237	1.1751	2.732	1.0121	4.4000	1.01212
2500	-2.4513	-1.4822	4.0549	1.1652	2.783	1.0170	4.5376	1.01704
2600	-2.3302	-1.3415	4.0859	1.1583	2.838	1.0229	4.6971	1.02285
2700	-2.2069	-1.1991	4.1165	1.1539	2.896	1.0294	4.8433	1.02943
2800	-2.0832	-1.0565	4.1465	1.1514	2.956	1.0367	5.0039	1.03665
2900	-1.9607	-0.9156	4.1753	1.1501	3.018	1.0444	5.1631	1.04433
3000	-1.8403	-0.7771	4.2030	1.1506	3.082	1.0523	5.3194	1.05229

S/R= 36.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3100	-1.7242	-0.6435	4.2292	1.1526	3.148	1.0605	5.4680	1.06045
3200	-1.6126	-0.5147	4.2539	1.1550	3.214	1.0687	5.6075	1.06866
3300	-1.5061	-0.3916	4.2772	1.1581	3.281	1.0769	5.7371	1.07681
3400	-1.4048	-0.2741	4.2991	1.1619	3.348	1.0849	5.8569	1.08483
3500	-1.3097	-0.1626	4.3196	1.1661	3.415	1.0927	5.9646	1.09264
3600	-1.2186	-0.0569	4.3389	1.1710	3.483	1.1003	6.0621	1.10019
3700	-1.1336	0.0428	4.3569	1.1762	3.550	1.1075	6.1479	1.10741
3800	-1.0538	0.1369	4.3739	1.1817	3.617	1.1144	6.2240	1.11427
3900	-0.9790	0.2255	4.3897	1.1875	3.685	1.1210	6.2897	1.12079
4000	-0.9088	0.3091	4.4045	1.1936	3.751	1.1271	6.3455	1.12692
4100	-0.8430	0.3879	4.4185	1.1996	3.817	1.1329	6.3933	1.13265
4200	-0.7812	0.4622	4.4317	1.2055	3.882	1.1383	6.4329	1.13800
4300	-0.7231	0.5324	4.4441	1.2114	3.946	1.1433	6.4661	1.14296
4400	-0.6682	0.5990	4.4559	1.2165	4.008	1.1479	6.4924	1.14757
4500	-0.6162	0.6624	4.4671	1.2213	4.069	1.1523	6.5147	1.15186
4600	-0.5668	0.7229	4.4778	1.2256	4.129	1.1563	6.5318	1.15585
4700	-0.5195	0.7809	4.4881	1.2288	4.186	1.1600	6.5457	1.15955
4800	-0.4741	0.8368	4.4980	1.2312	4.240	1.1636	6.5573	1.16302
4900	-0.4302	0.8909	4.5076	1.2256	4.281	1.1669	6.5675	1.16629
5000	-0.3853	0.9456	4.5173	1.2256	4.329	1.1697	6.5820	1.16903
5100	-0.3435	0.9971	4.5265	1.2327	4.391	1.1727	6.5903	1.17198
5200	-0.3026	1.0476	4.5355	1.2321	4.438	1.1757	6.5987	1.17483
5300	-0.2624	1.0971	4.5443	1.2303	4.483	1.1785	6.6077	1.17761
5400	-0.2224	1.1462	4.5531	1.2279	4.526	1.1813	6.6175	1.18035
5500	-0.1829	1.1947	4.5518	1.2249	4.567	1.1841	6.6284	1.18304
5600	-0.1434	1.2430	4.5704	1.2213	4.607	1.1869	6.6407	1.18575
5700	-0.1040	1.2910	4.5790	1.2189	4.649	1.1897	6.6545	1.18845
5800	-0.0648	1.3387	4.5875	1.2166	4.691	1.1926	6.6698	1.19119
5900	-0.0256	1.3864	4.5961	1.2130	4.730	1.1955	6.6860	1.19398
6000	0.0139	1.4343	4.6046	1.2145	4.779	1.1985	6.7061	1.19679
6100	0.0532	1.4821	4.6131	1.2134	4.822	1.2015	6.7261	1.19966
6200	0.0924	1.5295	4.6216	1.2075	4.856	1.2046	6.7482	1.20260
6300	0.1317	1.5769	4.6301	1.2048	4.896	1.2079	6.7719	1.20562
6400	0.1711	1.6243	4.6385	1.2027	4.937	1.2111	6.7965	1.20867
6500	0.2103	1.6715	4.6469	1.2013	4.980	1.2145	6.8230	1.21180
6600	0.2496	1.7186	4.6553	1.1998	5.022	1.2179	6.8507	1.21501
6700	0.2887	1.7655	4.6636	1.1979	5.063	1.2215	6.8793	1.21826
6800	0.3279	1.8124	4.6719	1.1969	5.106	1.2251	6.9089	1.22156
6900	0.3667	1.8589	4.6802	1.1960	5.149	1.2288	6.9395	1.22493
7000	0.4057	1.9054	4.6884	1.1952	5.193	1.2326	6.9709	1.22834
7100	0.4441	1.9514	4.6965	1.1949	5.237	1.2365	7.0031	1.23184
7200	0.4825	1.9973	4.7046	1.1943	5.281	1.2404	7.0356	1.23534
7300	0.5206	2.0428	4.7127	1.1936	5.325	1.2444	7.0685	1.23891
7400	0.5586	2.0881	4.7206	1.1932	5.369	1.2485	7.1019	1.24249
7500	0.5962	2.1330	4.7285	1.1936	5.415	1.2527	7.1353	1.24609
7600	0.6336	2.1776	4.7363	1.1940	5.461	1.2569	7.1694	1.24975
7700	0.6704	2.2216	4.7440	1.1942	5.507	1.2613	7.2032	1.25342
7800	0.7071	2.2653	4.7517	1.1945	5.553	1.2656	7.2372	1.25710
7900	0.7433	2.3086	4.7592	1.1952	5.600	1.2701	7.2712	1.26082
8000	0.7792	2.3515	4.7667	1.1959	5.647	1.2747	7.3056	1.26455
8100	0.8147	2.3940	4.7741	1.1966	5.694	1.2793	7.3394	1.26828
8200	0.8499	2.4360	4.7815	1.1973	5.741	1.2840	7.3733	1.27200
8300	0.8845	2.4776	4.7887	1.1984	5.790	1.2887	7.4066	1.27572
8400	0.9188	2.5187	4.7959	1.1993	5.837	1.2935	7.4402	1.27946
8500	0.9527	2.5594	4.8029	1.2001	5.885	1.2984	7.4735	1.28319

S/R= 36.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8600	0.9863	2.5997	4.8099	1.2018	5.935	1.3034	7.5061	1.28689
8700	1.0193	2.6394	4.8168	1.2035	5.985	1.3084	7.5384	1.29057
8800	1.0519	2.6786	4.8236	1.2047	6.034	1.3135	7.5707	1.29428
8900	1.0841	2.7175	4.8304	1.2059	6.084	1.3186	7.5029	1.29794
9000	1.1159	2.7559	4.8370	1.2079	6.135	1.3239	7.6343	1.30160
9100	1.1473	2.7938	4.8436	1.2101	6.187	1.3293	7.6659	1.30526
9200	1.1782	2.8313	4.8501	1.2118	6.238	1.3347	7.6968	1.30887
9300	1.2087	2.8682	4.8565	1.2134	6.289	1.3402	7.7270	1.31243
9400	1.2389	2.9047	4.8628	1.2150	6.340	1.3458	7.7573	1.31600
9500	1.2685	2.9409	4.8691	1.2171	6.392	1.3514	7.7873	1.31955
9600	1.2978	2.9766	4.8753	1.2202	6.448	1.3572	7.8168	1.32305
9700	1.3266	3.0117	4.8814	1.2227	6.502	1.3631	7.8459	1.32652
9800	1.3550	3.0465	4.8875	1.2248	6.555	1.3691	7.8748	1.32999
9900	1.3837	3.0808	4.8934	1.2273	6.610	1.3752	7.9032	1.33339
10000	1.4126	3.1147	4.8993	1.2292	6.663	1.3813	7.9310	1.33673
10100	1.4378	3.1483	4.9052	1.2319	6.719	1.3875	7.9585	1.34006
10200	1.4646	3.1813	4.9109	1.2350	6.776	1.3938	7.9858	1.34336
10300	1.4911	3.2140	4.9166	1.2377	6.832	1.4003	8.0130	1.34664
10400	1.5171	3.2463	4.9223	1.2415	6.892	1.4069	8.0399	1.34986
10500	1.5427	3.2780	4.9279	1.2445	6.950	1.4136	8.0662	1.35305
10600	1.5680	3.3096	4.9334	1.2474	7.008	1.4205	8.0925	1.35619
10700	1.5929	3.3407	4.9389	1.2502	7.066	1.4274	8.1185	1.35930
10800	1.6174	3.3714	4.9442	1.2527	7.124	1.4344	8.1436	1.36232
10900	1.6417	3.4018	4.9496	1.2564	7.185	1.4416	8.1690	1.36536
11000	1.6655	3.4318	4.9549	1.2599	7.246	1.4489	8.1940	1.36833
11100	1.6889	3.4613	4.9601	1.2636	7.308	1.4562	8.2186	1.37123
11200	1.7121	3.4906	4.9653	1.2676	7.372	1.4638	8.2436	1.37416
11300	1.7349	3.5194	4.9705	1.2715	7.435	1.4715	8.2675	1.37696
11400	1.7571	3.5479	4.9755	1.2746	7.497	1.4793	8.2917	1.37975
11500	1.7794	3.5764	4.9806	1.2784	7.561	1.4873	8.3160	1.38251
11600	1.8011	3.6041	4.9856	1.2814	7.624	1.4953	8.3396	1.38520
11700	1.8227	3.6318	4.9905	1.2844	7.686	1.5034	8.3629	1.38782
11800	1.8439	3.6591	4.9955	1.2887	7.753	1.5117	8.3863	1.39045
11900	1.8649	3.6862	5.0003	1.2923	7.819	1.5201	8.4099	1.39303
12000	1.8854	3.7127	5.0052	1.2959	7.884	1.5286	8.4327	1.39552
12100	1.9057	3.7391	5.0099	1.2995	7.950	1.5373	8.4558	1.39797
12200	1.9258	3.7652	5.0147	1.3026	8.016	1.5461	8.4790	1.40039
12300	1.9457	3.7912	5.0194	1.3060	8.082	1.5550	8.5024	1.40278
12400	1.9652	3.8168	5.0241	1.3094	8.149	1.5640	8.5251	1.40506
12500	1.9847	3.8422	5.0288	1.3115	8.212	1.5731	8.5484	1.40734
12600	2.0038	3.8673	5.0334	1.3147	8.279	1.5824	8.5715	1.40957
12700	2.0226	3.8921	5.0380	1.3168	8.343	1.5916	8.5949	1.41174
12800	2.0414	3.9169	5.0426	1.3169	8.400	1.6009	8.6180	1.41383
12900	2.0600	3.9414	5.0472	1.3182	8.462	1.6103	8.6417	1.41589
13000	2.0785	3.9657	5.0517	1.3188	8.522	1.6197	8.6657	1.41794
13100	2.0968	3.9899	5.0563	1.3177	8.575	1.6291	8.6895	1.41991
13200	2.1150	4.0139	5.0608	1.3166	8.629	1.6384	8.7135	1.42182
13300	2.1331	4.0377	5.0653	1.3135	8.676	1.6477	8.7380	1.42373
13400	2.1513	4.0616	5.0698	1.3122	8.728	1.6568	8.7630	1.42557
13500	2.1695	4.0854	5.0743	1.3068	8.768	1.6662	8.7893	1.42770
13600	2.1877	4.1091	5.0788	1.3001	8.800	1.6749	8.8152	1.42948

S/R= 36.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.6499	-7.0863	2.5417	1.4015	0.605	1.0000	3.4805	1.00000
200	-5.9002	-6.0356	2.8434	1.4013	0.856	1.0000	3.4862	1.00000
300	-5.4609	-5.4201	3.0198	1.3999	1.048	1.0000	3.4891	1.00000
400	-5.1474	-4.9817	3.1455	1.3951	1.208	1.0000	3.4952	1.00000
500	-4.8993	-4.6368	3.2440	1.3866	1.346	1.0000	3.5074	1.00000
600	-4.6920	-4.3502	3.3256	1.3762	1.469	1.0000	3.5270	1.00000
700	-4.5109	-4.1022	3.3955	1.3648	1.581	1.0000	3.5515	1.00000
800	-4.3496	-3.8829	3.4572	1.3540	1.683	1.0000	3.5817	1.00000
900	-4.2026	-3.6848	3.5121	1.3446	1.779	1.0000	3.6129	1.00000
1000	-4.0682	-3.5046	3.5619	1.3365	1.869	1.0000	3.6467	1.00000
1100	-3.9436	-3.3386	3.6071	1.3281	1.955	1.0000	3.6791	1.00000
1200	-3.8269	-3.1841	3.6488	1.3213	2.036	1.0000	3.7122	1.00000
1300	-3.7178	-3.0403	3.6874	1.3161	2.115	1.0000	3.7451	1.00000
1400	-3.6152	-2.9055	3.7234	1.3106	2.190	1.0000	3.7775	1.00000
1500	-3.5168	-2.7769	3.7571	1.3033	2.261	1.0000	3.8104	1.00002
1600	-3.4230	-2.6550	3.7890	1.2947	2.328	1.0001	3.8445	1.00007
1700	-3.3322	-2.5378	3.8193	1.2851	2.390	1.0002	3.8805	1.00018
1800	-3.2429	-2.4236	3.8486	1.2724	2.448	1.0004	3.9201	1.00045
1900	-3.1536	-2.3106	3.8773	1.2567	2.500	1.0010	3.9674	1.00096
2000	-3.0622	-2.1965	3.9059	1.2383	2.547	1.0019	4.0257	1.00188
2100	-2.9668	-2.0792	3.9348	1.2189	2.592	1.0034	4.0980	1.00340
2200	-2.8656	-1.9568	3.9645	1.2003	2.635	1.0057	4.1891	1.00570
2300	-2.7576	-1.8282	3.9950	1.1843	2.681	1.0089	4.2985	1.00893
2400	-2.6430	-1.6933	4.0263	1.1715	2.729	1.0132	4.4267	1.01318
2500	-2.5228	-1.5530	4.0580	1.1620	2.781	1.0184	4.5716	1.01843
2600	-2.3984	-1.4090	4.0896	1.1556	2.837	1.0246	4.7279	1.02460
2700	-2.2722	-1.2635	4.1207	1.1515	2.896	1.0315	4.8906	1.03154
2800	-2.1457	-1.1181	4.1510	1.1494	2.957	1.0391	5.0567	1.03910
2900	-2.0210	-0.9747	4.1801	1.1486	3.020	1.0471	5.2207	1.04710
3000	-1.8987	-0.8343	4.2080	1.1493	3.085	1.0554	5.3807	1.05535
3100	-1.7811	-0.6990	4.2343	1.1515	3.151	1.0638	5.5322	1.06376
3200	-1.6683	-0.5690	4.2590	1.1543	3.218	1.0722	5.6737	1.07220
3300	-1.5610	-0.4449	4.2823	1.1576	3.286	1.0806	5.8046	1.08054
3400	-1.4591	-0.3268	4.3042	1.1616	3.353	1.0888	5.9248	1.08872
3500	-1.3630	-0.2150	4.3246	1.1662	3.421	1.0967	6.0324	1.09665
3600	-1.2725	-0.1093	4.3437	1.1712	3.489	1.1044	6.1293	1.10430
3700	-1.1877	-0.0097	4.3615	1.1767	3.558	1.1117	6.2139	1.11158
3800	-1.1082	0.0841	4.3783	1.1825	3.625	1.1186	6.2885	1.11848
3900	-1.0337	0.1724	4.3940	1.1886	3.693	1.1251	6.3523	1.12500
4000	-0.9641	0.2554	4.4086	1.1949	3.760	1.1313	6.4059	1.13111
4100	-0.8989	0.3335	4.4224	1.2011	3.826	1.1370	6.4513	1.13680
4200	-0.8377	0.4072	4.4354	1.2072	3.892	1.1423	6.4885	1.14208
4300	-0.7803	0.4767	4.4477	1.2131	3.956	1.1472	6.5193	1.14697
4400	-0.7261	0.5426	4.4592	1.2183	4.018	1.1518	6.5432	1.15150
4500	-0.6747	0.6054	4.4703	1.2230	4.079	1.1560	6.5631	1.15569
4600	-0.6258	0.6653	4.4809	1.2271	4.138	1.1600	6.5782	1.15958
4700	-0.5790	0.7228	4.4910	1.2300	4.194	1.1636	6.5903	1.16320
4800	-0.5339	0.7783	4.5008	1.2321	4.248	1.1671	6.6003	1.16659
4900	-0.4903	0.8321	4.5103	1.2260	4.288	1.1703	6.6091	1.16978
5000	-0.4456	0.8865	4.5200	1.2255	4.335	1.1731	6.6229	1.17246
5100	-0.4039	0.9380	4.5291	1.2322	4.396	1.1760	6.6305	1.17537
5200	-0.3629	0.9884	4.5381	1.2314	4.443	1.1789	6.6385	1.17819
5300	-0.3225	1.0381	4.5469	1.2292	4.487	1.1817	6.6474	1.18095
5400	-0.2823	1.0875	4.5557	1.2267	4.530	1.1845	6.6574	1.18368
5500	-0.2425	1.1363	4.5644	1.2238	4.571	1.1873	6.6688	1.18638

S/R= 36.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5600	-0.2027	1.1850	4.5731	1.2197	4.611	1.1902	6.6813	1.18912
5700	-0.1628	1.2335	4.5817	1.2164	4.651	1.1930	6.6965	1.19186
5800	-0.1231	1.2818	4.5903	1.2137	4.692	1.1959	6.7130	1.19465
5900	-0.0833	1.3300	4.5989	1.2107	4.732	1.1988	6.7313	1.19750
6000	-0.0434	1.3783	4.6075	1.2105	4.778	1.2019	6.7512	1.20040
6100	-0.0032	1.4270	4.6161	1.2087	4.820	1.2050	6.7735	1.20334
6200	0.0367	1.4751	4.6247	1.2045	4.857	1.2082	6.7971	1.20638
6300	0.0767	1.5232	4.6333	1.2018	4.898	1.2115	6.8225	1.20950
6400	0.1168	1.5714	4.6418	1.1998	4.939	1.2148	6.8488	1.21265
6500	0.1568	1.6194	4.6503	1.1984	4.982	1.2183	6.8770	1.21589
6600	0.1968	1.6672	4.6588	1.1969	5.024	1.2218	6.9063	1.21922
6700	0.2366	1.7149	4.6672	1.1951	5.065	1.2255	6.9366	1.22259
6800	0.2766	1.7626	4.6756	1.1941	5.109	1.2292	6.9680	1.22602
6900	0.3161	1.8098	4.6840	1.1932	5.152	1.2330	7.0003	1.22952
7000	0.3558	1.8570	4.6923	1.1926	5.196	1.2369	7.0334	1.23307
7100	0.3949	1.9038	4.7005	1.1923	5.241	1.2408	7.0670	1.23669
7200	0.4340	1.9503	4.7087	1.1916	5.285	1.2449	7.1012	1.24033
7300	0.4727	1.9965	4.7168	1.1910	5.329	1.2490	7.1356	1.24403
7400	0.5114	2.0425	4.7248	1.1907	5.374	1.2532	7.1705	1.24775
7500	0.5496	2.0880	4.7327	1.1912	5.420	1.2574	7.2053	1.25148
7600	0.5875	2.1332	4.7406	1.1916	5.466	1.2618	7.2406	1.25528
7700	0.6250	2.1778	4.7484	1.1918	5.512	1.2662	7.2759	1.25907
7800	0.6622	2.2221	4.7561	1.1920	5.558	1.2706	7.3110	1.26289
7900	0.6990	2.2660	4.7637	1.1928	5.605	1.2752	7.3464	1.26674
8000	0.7354	2.3095	4.7713	1.1935	5.653	1.2798	7.3818	1.27060
8100	0.7714	2.3524	4.7787	1.1944	5.700	1.2845	7.4167	1.27446
8200	0.8070	2.3949	4.7861	1.1950	5.748	1.2892	7.4516	1.27831
8300	0.8421	2.4370	4.7933	1.1960	5.796	1.2940	7.4860	1.28215
8400	0.8769	2.4786	4.8005	1.1968	5.843	1.2989	7.5204	1.28602
8500	0.9113	2.5198	4.8076	1.1976	5.891	1.3038	7.5546	1.28988
8600	0.9453	2.5605	4.8146	1.1994	5.942	1.3088	7.5881	1.29370
8700	0.9786	2.6005	4.8215	1.2012	5.992	1.3138	7.6211	1.29750
8800	1.0116	2.6402	4.8284	1.2022	6.041	1.3189	7.6542	1.30132
8900	1.0442	2.6794	4.8351	1.2033	6.089	1.3241	7.6870	1.30511
9000	1.0764	2.7181	4.8418	1.2052	6.141	1.3294	7.7191	1.30888
9100	1.1082	2.7564	4.8484	1.2073	6.192	1.3347	7.7512	1.31265
9200	1.1394	2.7942	4.8549	1.2091	6.244	1.3401	7.7829	1.31638
9300	1.1702	2.8315	4.8613	1.2110	6.295	1.3456	7.8134	1.32005
9400	1.2006	2.8683	4.8677	1.2125	6.346	1.3512	7.8442	1.32373
9500	1.2307	2.9048	4.8740	1.2141	6.397	1.3568	7.8747	1.32738
9600	1.2603	2.9407	4.8801	1.2170	6.452	1.3625	7.9045	1.33099
9700	1.2893	2.9761	4.8863	1.2194	6.506	1.3684	7.9339	1.33458
9800	1.3180	3.0112	4.8923	1.2215	6.559	1.3743	7.9632	1.33815
9900	1.3463	3.0457	4.8983	1.2241	6.614	1.3803	7.9919	1.34165
10000	1.3741	3.0798	4.9042	1.2265	6.668	1.3863	8.0199	1.34509
10100	1.4016	3.1136	4.9100	1.2288	6.723	1.3925	8.0477	1.34852
10200	1.4286	3.1468	4.9157	1.2312	6.778	1.3988	8.0751	1.35192
10300	1.4554	3.1798	4.9215	1.2338	6.833	1.4051	8.1025	1.35531
10400	1.4817	3.2123	4.9271	1.2373	6.892	1.4116	8.1292	1.35862
10500	1.5074	3.2442	4.9327	1.2404	6.950	1.4181	8.1558	1.36191
10600	1.5330	3.2759	4.9382	1.2432	7.007	1.4249	8.1821	1.36514
10700	1.5581	3.3072	4.9436	1.2463	7.066	1.4317	8.2081	1.36835
10800	1.5828	3.3380	4.9490	1.2492	7.124	1.4386	8.2333	1.37146
10900	1.6072	3.3684	4.9543	1.2523	7.183	1.4456	8.2588	1.37460
11000	1.6313	3.3987	4.9596	1.2552	7.242	1.4527	8.2837	1.37766

S/R= 36.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11100	1.6549	3.4284	4.9548	1.2587	7.303	1.4599	8.3382	1.38065
11200	1.6783	3.4578	4.9700	1.2624	7.366	1.4673	8.3330	1.38367
11300	1.7011	3.4868	4.9751	1.2663	7.428	1.4747	8.3566	1.38656
11400	1.7237	3.5154	4.9802	1.2694	7.489	1.4823	8.3806	1.38944
11500	1.7462	3.5439	4.9852	1.2731	7.553	1.4901	8.4047	1.39229
11600	1.7680	3.5718	4.9902	1.2767	7.616	1.4979	8.4280	1.39507
11700	1.7898	3.5996	4.9951	1.2798	7.679	1.5058	8.4513	1.39778
11800	1.8111	3.6269	5.0000	1.2833	7.743	1.5139	8.4745	1.40049
11900	1.8322	3.6541	5.0049	1.2866	7.806	1.5221	8.4977	1.40316
12000	1.8529	3.6807	5.0096	1.2901	7.871	1.5303	8.5201	1.40573
12100	1.8734	3.7072	5.0144	1.2937	7.936	1.5387	8.5428	1.40827
12200	1.8936	3.7334	5.0191	1.2968	8.001	1.5472	8.5654	1.41078
12300	1.9137	3.7594	5.0238	1.3002	8.066	1.5559	8.5884	1.41325
12400	1.9333	3.7850	5.0285	1.3037	8.133	1.5646	8.6106	1.41561
12500	1.9528	3.8105	5.0331	1.3061	8.196	1.5735	8.6333	1.41798
12600	1.9721	3.8356	5.0377	1.3096	8.263	1.5825	8.6560	1.42029
12700	1.9910	3.8605	5.0423	1.3118	8.327	1.5915	8.6786	1.42255
12800	2.0098	3.8851	5.0468	1.3123	8.385	1.6005	8.7011	1.42472
12900	2.0285	3.9097	5.0513	1.3139	8.447	1.6097	8.7240	1.42687
13000	2.0470	3.9340	5.0558	1.3153	8.508	1.6189	8.7473	1.42900
13100	2.0654	3.9582	5.0603	1.3147	8.563	1.6281	8.7704	1.43105
13200	2.0836	3.9821	5.0647	1.3142	8.618	1.6372	8.7935	1.43305
13300	2.1017	4.0058	5.0692	1.3121	8.668	1.6463	8.8173	1.43503
13400	2.1198	4.0297	5.0736	1.3117	8.722	1.6553	8.8414	1.43695
13500	2.1379	4.0534	5.0781	1.3074	8.765	1.6646	8.8566	1.43913
13600	2.1560	4.0770	5.0825	1.2991	8.792	1.6733	8.8915	1.44097
13700	2.1741	4.1005	5.0869	1.2920	8.823	1.6817	8.9171	1.44284
13800	2.1923	4.1239	5.0914	1.2873	8.860	1.6898	8.9431	1.44465

S/R= 36.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.7366	-7.1730	2.5417	1.4016	0.605	1.0000	3.4806	1.00000
200	-5.9870	-6.1223	2.8434	1.4013	0.856	1.0000	3.4862	1.00000
300	-5.5478	-5.5071	3.0198	1.3999	1.048	1.0000	3.4891	1.00000
400	-5.2343	-5.0686	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-4.9861	-4.7235	3.2440	1.3865	1.346	1.0000	3.5074	1.00000
600	-4.7787	-4.4370	3.3256	1.3763	1.470	1.0000	3.5270	1.00000
700	-4.5978	-4.1891	3.3955	1.3650	1.581	1.0000	3.5516	1.00000
800	-4.4364	-3.9698	3.4572	1.3540	1.683	1.0000	3.5817	1.00000
900	-4.2896	-3.7717	3.5121	1.3447	1.779	1.0000	3.6129	1.00000
1000	-4.1552	-3.5916	3.5619	1.3364	1.869	1.0000	3.6467	1.00000
1100	-4.0304	-3.4254	3.6071	1.3278	1.954	1.0000	3.6791	1.00000
1200	-3.9137	-3.2709	3.6488	1.3215	2.036	1.0000	3.7122	1.00000
1300	-3.8048	-3.1272	3.6874	1.3162	2.115	1.0000	3.7452	1.00000
1400	-3.7019	-2.9922	3.7234	1.3104	2.190	1.0000	3.7779	1.00000
1500	-3.6036	-2.8637	3.7571	1.3032	2.261	1.0000	3.8105	1.00002
1600	-3.5097	-2.7417	3.7890	1.2943	2.327	1.0001	3.8447	1.00008
1700	-3.4187	-2.6243	3.8194	1.2842	2.390	1.0002	3.8812	1.00020
1800	-3.3291	-2.5098	3.8487	1.2709	2.446	1.0005	3.9216	1.00050
1900	-3.2390	-2.3960	3.8776	1.2543	2.498	1.0011	3.9705	1.00106
2000	-3.1465	-2.2807	3.9065	1.2351	2.544	1.0021	4.0315	1.00207
2100	-3.0492	-2.1616	3.9358	1.2151	2.588	1.0037	4.1078	1.00373
2200	-2.9456	-2.0367	3.9661	1.1963	2.632	1.0062	4.2042	1.00624
2300	-2.8348	-1.9050	3.9972	1.1804	2.677	1.0097	4.3200	1.00974

S/R= 36.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2400	-2.7169	-1.7667	4.0291	1.1680	2.727	1.0143	4.4554	1.01430
2500	-2.5933	-1.6229	4.0614	1.1589	2.780	1.0199	4.6076	1.01990
2600	-2.4656	-1.4755	4.0936	1.1529	2.837	1.0264	4.7710	1.02644
2700	-2.3364	-1.3268	4.1251	1.1493	2.896	1.0337	4.9401	1.03374
2800	-2.2073	-1.1786	4.1557	1.1476	2.959	1.0416	5.1117	1.04164
2900	-2.0803	-1.0329	4.1851	1.1471	3.022	1.0500	5.2802	1.04995
3000	-1.9562	-0.8905	4.2130	1.1481	3.088	1.0585	5.4438	1.05849
3100	-1.8372	-0.7537	4.2394	1.1506	3.155	1.0672	5.5980	1.06715
3200	-1.7233	-0.6226	4.2642	1.1536	3.223	1.0758	5.7412	1.07582
3300	-1.6152	-0.4977	4.2874	1.1573	3.291	1.0844	5.8731	1.08433
3400	-1.5129	-0.3791	4.3092	1.1615	3.359	1.0927	5.9936	1.09266
3500	-1.4167	-0.2670	4.3295	1.1663	3.428	1.1008	6.1008	1.10070
3600	-1.3262	-0.1613	4.3485	1.1716	3.497	1.1085	6.1968	1.10843
3700	-1.2416	-0.0619	4.3662	1.1774	3.565	1.1158	6.2800	1.11576
3800	-1.1624	0.0315	4.3827	1.1834	3.634	1.1228	6.3527	1.12267
3900	-1.0885	0.1192	4.3982	1.1898	3.702	1.1293	6.4143	1.12918
4000	-1.0195	0.2016	4.4127	1.1963	3.769	1.1354	6.4656	1.13525
4100	-0.9549	0.2790	4.4263	1.2027	3.836	1.1411	6.5084	1.14088
4200	-0.8945	0.3519	4.4390	1.2090	3.901	1.1463	6.5429	1.14609
4300	-0.8377	0.4207	4.4511	1.2150	3.966	1.1511	6.5711	1.15088
4400	-0.7842	0.4859	4.4625	1.2202	4.028	1.1556	6.5926	1.15532
4500	-0.7334	0.5480	4.4734	1.2247	4.088	1.1597	6.6102	1.15941
4600	-0.6851	0.6073	4.4838	1.2285	4.147	1.1635	6.6231	1.16320
4700	-0.6387	0.6644	4.4938	1.2312	4.202	1.1671	6.6334	1.16672
4800	-0.5940	0.7195	4.5035	1.2328	4.256	1.1704	6.6421	1.17003
4900	-0.5506	0.7730	4.5130	1.2263	4.294	1.1736	6.6497	1.17315
5000	-0.5061	0.8273	4.5226	1.2254	4.341	1.1763	6.6525	1.17578
5100	-0.4643	0.8787	4.5317	1.2314	4.401	1.1792	6.6697	1.17864
5200	-0.4233	0.9292	4.5406	1.2301	4.447	1.1821	6.6776	1.18143
5300	-0.3827	0.9791	4.5495	1.2277	4.490	1.1849	6.6866	1.18418
5400	-0.3422	1.0287	4.5583	1.2249	4.532	1.1877	6.6970	1.18691
5500	-0.3020	1.0779	4.5670	1.2218	4.574	1.1905	6.7090	1.18963
5600	-0.2617	1.1271	4.5757	1.2180	4.613	1.1933	6.7229	1.19240
5700	-0.2213	1.1762	4.5844	1.2146	4.654	1.1962	6.7385	1.19520
5800	-0.1810	1.2251	4.5932	1.2110	4.693	1.1991	6.7565	1.19804
5900	-0.1405	1.2740	4.6018	1.2078	4.733	1.2022	6.7762	1.20097
6000	-0.1001	1.3229	4.6105	1.2066	4.777	1.2053	6.7975	1.20396
6100	-0.0591	1.3723	4.6192	1.2046	4.819	1.2084	6.8215	1.20699
6200	-0.0185	1.4212	4.6279	1.2015	4.858	1.2117	6.8469	1.21012
6300	0.0223	1.4701	4.6365	1.1988	4.899	1.2151	6.8740	1.21336
6400	0.0631	1.5190	4.6452	1.1969	4.940	1.2185	6.9021	1.21662
6500	0.1039	1.5678	4.6538	1.1955	4.983	1.2221	6.9320	1.21998
6600	0.1446	1.6164	4.6624	1.1941	5.026	1.2258	6.9632	1.22344
6700	0.1852	1.6648	4.6709	1.1923	5.068	1.2295	6.9953	1.22694
6800	0.2259	1.7133	4.6794	1.1913	5.111	1.2333	7.0284	1.23050
6900	0.2662	1.7613	4.6878	1.1906	5.155	1.2372	7.0624	1.23413
7000	0.3065	1.8093	4.6962	1.1900	5.200	1.2412	7.0972	1.23782
7100	0.3464	1.8568	4.7045	1.1898	5.245	1.2453	7.1325	1.24157
7200	0.3861	1.9040	4.7127	1.1892	5.289	1.2494	7.1682	1.24534
7300	0.4255	1.9509	4.7209	1.1886	5.333	1.2537	7.2042	1.24918
7400	0.4648	1.9976	4.7290	1.1883	5.378	1.2580	7.2406	1.25304
7500	0.5037	2.0437	4.7370	1.1888	5.425	1.2623	7.2768	1.25691
7600	0.5422	2.0895	4.7449	1.1894	5.472	1.2667	7.3135	1.26084
7700	0.5802	2.1347	4.7528	1.1896	5.518	1.2712	7.3500	1.26477
7800	0.6179	2.1796	4.7605	1.1898	5.564	1.2758	7.3864	1.26872



S/R= 36.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7900	0.6553	2.2241	4.7682	1.1905	5.611	1.2804	7.4230	1.27270
8000	0.6922	2.2681	4.7758	1.1912	5.659	1.2851	7.4596	1.27669
8100	0.7287	2.3116	4.7833	1.1921	5.707	1.2898	7.4955	1.28068
8200	0.7648	2.3546	4.7907	1.1930	5.755	1.2946	7.5315	1.28466
8300	0.8004	2.3971	4.7980	1.1939	5.803	1.2994	7.5669	1.28863
8400	0.8356	2.4391	4.8052	1.1945	5.850	1.3044	7.6022	1.29262
8500	0.8704	2.4807	4.8124	1.1953	5.898	1.3093	7.6373	1.29660
8600	0.9048	2.5219	4.8194	1.1971	5.948	1.3143	7.6716	1.30055
8700	0.9386	2.5624	4.8263	1.1990	5.999	1.3194	7.7054	1.30447
8800	0.9720	2.6024	4.8332	1.2002	6.048	1.3246	7.7392	1.30841
8900	1.0049	2.6420	4.8400	1.2010	6.097	1.3298	7.7726	1.31231
9000	1.0375	2.6811	4.8466	1.2028	6.147	1.3351	7.8053	1.31620
9100	1.0696	2.7197	4.8533	1.2047	6.199	1.3404	7.8381	1.32009
9200	1.1012	2.7578	4.8598	1.2065	6.250	1.3458	7.8701	1.32393
9300	1.1323	2.7954	4.8662	1.2084	6.302	1.3513	7.9012	1.32771
9400	1.1630	2.8325	4.8725	1.2102	6.353	1.3568	7.9325	1.33150
9500	1.1933	2.8692	4.8788	1.2118	6.405	1.3625	7.9635	1.33526
9600	1.2232	2.9055	4.8850	1.2142	6.458	1.3682	7.9937	1.33898
9700	1.2525	2.9411	4.8911	1.2164	6.511	1.3739	8.0235	1.34267
9800	1.2815	2.9764	4.8972	1.2184	6.564	1.3798	8.0530	1.34634
9900	1.3101	3.0112	4.9031	1.2210	6.618	1.3857	8.0819	1.34995
10000	1.3381	3.0455	4.9090	1.2233	6.672	1.3917	8.1101	1.35350
10100	1.3659	3.0795	4.9149	1.2260	6.728	1.3978	8.1382	1.35703
10200	1.3931	3.1130	4.9206	1.2285	6.783	1.4040	8.1659	1.36052
10300	1.4201	3.1461	4.9263	1.2304	6.836	1.4103	8.1934	1.36400
10400	1.4466	3.1788	4.9319	1.2336	6.894	1.4166	8.2203	1.36742
10500	1.4726	3.2109	4.9375	1.2364	6.951	1.4231	8.2468	1.37080
10600	1.4984	3.2428	4.9430	1.2393	7.008	1.4297	8.2731	1.37413
10700	1.5237	3.2742	4.9484	1.2424	7.066	1.4363	8.2990	1.37743
10800	1.5486	3.3052	4.9538	1.2453	7.124	1.4431	8.3242	1.38064
10900	1.5732	3.3359	4.9591	1.2489	7.185	1.4500	8.3498	1.38386
11000	1.5974	3.3662	4.9644	1.2516	7.243	1.4570	8.3748	1.38702
11100	1.6213	3.3960	4.9696	1.2542	7.301	1.4640	8.3991	1.39010
11200	1.6448	3.4255	4.9747	1.2577	7.362	1.4712	8.4238	1.39321
11300	1.6678	3.4546	4.9798	1.2615	7.424	1.4785	8.4473	1.39618
11400	1.6906	3.4833	4.9848	1.2643	7.484	1.4858	8.4710	1.39916
11500	1.7132	3.5119	4.9899	1.2680	7.546	1.4934	8.4948	1.40209
11600	1.7352	3.5399	4.9948	1.2717	7.609	1.5010	8.5178	1.40496
11700	1.7571	3.5678	4.9997	1.2749	7.671	1.5088	8.5408	1.40776
11800	1.7786	3.5952	5.0046	1.2789	7.736	1.5167	8.5638	1.41055
11900	1.7999	3.6225	5.0094	1.2819	7.799	1.5247	8.5871	1.41331
12000	1.8207	3.6492	5.0141	1.2847	7.861	1.5327	8.6091	1.41597
12100	1.8414	3.6758	5.0189	1.2881	7.925	1.5408	8.6316	1.41859
12200	1.8617	3.7020	5.0236	1.2912	7.988	1.5491	8.6535	1.42118
12300	1.8819	3.7281	5.0282	1.2947	8.054	1.5575	8.6761	1.42374
12400	1.9016	3.7537	5.0328	1.2982	8.119	1.5660	8.6977	1.42619
12500	1.9213	3.7792	5.0374	1.3007	8.182	1.5746	8.7199	1.42864
12600	1.9406	3.8044	5.0420	1.3044	8.249	1.5833	8.7419	1.43103
12700	1.9596	3.8292	5.0465	1.3070	8.313	1.5920	8.7640	1.43337
12800	1.9785	3.8539	5.0510	1.3077	8.371	1.6008	8.7858	1.43562
12900	1.9973	3.8785	5.0555	1.3096	8.433	1.6098	8.8081	1.43785
13000	2.0158	3.9028	5.0599	1.3114	8.495	1.6187	8.8307	1.44007
13100	2.0342	3.9269	5.0644	1.3114	8.551	1.6277	8.8531	1.44220
13200	2.0524	3.9508	5.0688	1.3116	8.608	1.6367	8.8755	1.44427
13300	2.0705	3.9745	5.0732	1.3103	8.660	1.6456	8.8984	1.44634

S/R= 36.6

T	LOG(RHO)	LJG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13400	2.0886	3.9982	5.0775	1.3104	8.716	1.6545	8.9216	1.44833
13500	2.1066	4.0218	5.0820	1.3073	8.752	1.6636	8.9458	1.45055
13600	2.1246	4.0453	5.0863	1.3006	8.795	1.6722	8.9697	1.45247
13700	2.1426	4.0687	5.0907	1.2948	8.829	1.6807	8.9943	1.45441
13800	2.1607	4.0920	5.0950	1.2855	8.851	1.6887	9.0192	1.45629
13900	2.1790	4.1155	5.0994	1.2752	8.868	1.6966	9.0452	1.45816
14000	2.1974	4.1388	5.1038	1.2701	8.901	1.7038	9.0715	1.46001

S/R= 36.8

T	LOG(RHO)	LJG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.8234	-7.2598	2.5417	1.4016	0.605	1.0000	3.4806	1.00000
200	-6.0739	-6.2093	2.8434	1.4014	0.856	1.0000	3.4862	1.00000
300	-5.6347	-5.5940	3.0198	1.3998	1.048	1.0000	3.4891	1.00000
400	-5.3210	-5.1554	3.1455	1.3950	1.208	1.0000	3.4952	1.00000
500	-5.0730	-4.8105	3.2440	1.3867	1.347	1.0000	3.5074	1.00000
600	-4.8656	-4.5239	3.3256	1.3762	1.469	1.0000	3.5270	1.00000
700	-4.6846	-4.2759	3.3955	1.3648	1.581	1.0000	3.5516	1.00000
800	-4.5232	-4.0565	3.4572	1.3542	1.683	1.0000	3.5817	1.00000
900	-4.3765	-3.8587	3.5121	1.3447	1.779	1.0000	3.6129	1.00000
1000	-4.2421	-3.6785	3.5619	1.3364	1.869	1.0000	3.6467	1.00000
1100	-4.1174	-3.5124	3.6071	1.3277	1.954	1.0000	3.6791	1.00000
1200	-4.0004	-3.3576	3.6488	1.3212	2.036	1.0000	3.7122	1.00000
1300	-3.8915	-3.2140	3.6874	1.3162	2.115	1.0000	3.7452	1.00000
1400	-3.7887	-3.0790	3.7234	1.3104	2.190	1.0000	3.7779	1.00000
1500	-3.6905	-2.9505	3.7571	1.3031	2.261	1.0000	3.8106	1.00002
1600	-3.5964	-2.8284	3.7890	1.2939	2.327	1.0001	3.8451	1.00009
1700	-3.5052	-2.7108	3.8195	1.2833	2.389	1.0002	3.8820	1.00023
1800	-3.4152	-2.5958	3.8489	1.2693	2.445	1.0005	3.9234	1.00055
1900	-3.3243	-2.4812	3.8780	1.2518	2.495	1.0012	3.9741	1.00117
2000	-3.2304	-2.3646	3.9072	1.2318	2.541	1.0023	4.0379	1.00228
2100	-3.1313	-2.2435	3.9370	1.2112	2.584	1.0041	4.1185	1.00410
2200	-3.0251	-2.1159	3.9678	1.1923	2.628	1.0068	4.2205	1.00683
2300	-2.9112	-1.9810	3.9995	1.1765	2.674	1.0106	4.3432	1.01061
2400	-2.7899	-1.8392	4.0321	1.1645	2.724	1.0155	4.4860	1.01550
2500	-2.6628	-1.6918	4.0650	1.1559	2.778	1.0215	4.6458	1.02147
2600	-2.5318	-1.5409	4.0977	1.1504	2.836	1.0284	4.8164	1.02837
2700	-2.3996	-1.3890	4.1296	1.1472	2.897	1.0360	4.9917	1.03603
2800	-2.2679	-1.2381	4.1606	1.1459	2.960	1.0443	5.1588	1.04428
2900	-2.1388	-1.0901	4.1901	1.1457	3.025	1.0529	5.3417	1.05290
3000	-2.0129	-0.9459	4.2182	1.1471	3.091	1.0617	5.5086	1.06172
3100	-1.8925	-0.8077	4.2446	1.1498	3.159	1.0706	5.6651	1.07063
3200	-1.7777	-0.6755	4.2693	1.1531	3.227	1.0795	5.8099	1.07949
3300	-1.6690	-0.5499	4.2925	1.1570	3.296	1.0882	5.9425	1.08818
3400	-1.5663	-0.4309	4.3142	1.1615	3.365	1.0967	6.0630	1.09664
3500	-1.4699	-0.3187	4.3343	1.1665	3.435	1.1048	6.1696	1.10478
3600	-1.3796	-0.2131	4.3532	1.1721	3.504	1.1126	6.2644	1.11257
3700	-1.2953	-0.1140	4.3707	1.1782	3.573	1.1200	6.3458	1.11993
3800	-1.2166	-0.0211	4.3871	1.1845	3.642	1.1269	6.4165	1.12684
3900	-1.1433	0.0660	4.4023	1.1911	3.711	1.1334	6.4757	1.13332
4000	-1.0750	0.1476	4.4166	1.1979	3.779	1.1395	6.5243	1.13933
4100	-1.0111	0.2243	4.4300	1.2045	3.845	1.1451	6.5544	1.14488
4200	-0.9515	0.2964	4.4425	1.2109	3.911	1.1502	6.5962	1.15001
4300	-0.8954	0.3644	4.4544	1.2170	3.975	1.1549	6.6217	1.15470
4400	-0.8426	0.4289	4.4657	1.2221	4.037	1.1593	6.6406	1.15903

S/R= 36.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4500	-0.7924	0.4903	4.4764	1.2264	4.097	1.1633	6.6559	1.16301
4600	-0.7446	0.5490	4.4867	1.2300	4.155	1.1670	6.6667	1.16669
4700	-0.6987	0.6056	4.4966	1.2323	4.210	1.1704	6.6752	1.17012
4800	-0.6543	0.6603	4.5062	1.2334	4.263	1.1737	6.6824	1.17334
4900	-0.6111	0.7136	4.5156	1.2264	4.300	1.1768	6.6891	1.17639
5000	-0.5667	0.7678	4.5251	1.2251	4.346	1.1794	6.7012	1.17897
5100	-0.5249	0.8192	4.5342	1.2305	4.405	1.1823	6.7080	1.18180
5200	-0.4837	0.8699	4.5431	1.2286	4.450	1.1851	6.7159	1.18457
5300	-0.4429	0.9200	4.5520	1.2257	4.492	1.1879	6.7253	1.18731
5400	-0.4020	0.9700	4.5608	1.2227	4.534	1.1907	6.7363	1.19005
5500	-0.3614	1.0196	4.5696	1.2195	4.575	1.1935	6.7491	1.19280
5600	-0.3206	1.0693	4.5784	1.2156	4.615	1.1964	6.7640	1.19561
5700	-0.2796	1.1191	4.5872	1.2123	4.655	1.1993	6.7810	1.19846
5800	-0.2386	1.1687	4.5960	1.2088	4.695	1.2023	6.8003	1.20138
5900	-0.1974	1.2184	4.6047	1.2052	4.734	1.2054	6.8217	1.20438
6000	-0.1562	1.2680	4.6135	1.2028	4.776	1.2086	6.8448	1.20746
6100	-0.1146	1.3180	4.6223	1.2009	4.818	1.2119	6.8704	1.21060
6200	-0.0732	1.3677	4.6311	1.1985	4.859	1.2153	6.8975	1.21385
6300	-0.0317	1.4174	4.6399	1.1959	4.900	1.2187	6.9265	1.21720
6400	0.0100	1.4672	4.6486	1.1940	4.942	1.2223	6.9564	1.22058
6500	0.0515	1.5168	4.6573	1.1927	4.985	1.2260	6.9882	1.22407
6600	0.0930	1.5662	4.6660	1.1913	5.028	1.2297	7.0213	1.22765
6700	0.1344	1.6154	4.6746	1.1896	5.071	1.2336	7.0553	1.23129
6800	0.1758	1.6647	4.6832	1.1887	5.114	1.2375	7.0901	1.23499
6900	0.2168	1.7135	4.6917	1.1880	5.159	1.2415	7.1258	1.23875
7000	0.2579	1.7622	4.7002	1.1875	5.203	1.2456	7.1624	1.24258
7100	0.2985	1.8104	4.7086	1.1873	5.249	1.2498	7.1994	1.24648
7200	0.3389	1.8584	4.7169	1.1868	5.294	1.2541	7.2368	1.25039
7300	0.3789	1.9059	4.7251	1.1863	5.338	1.2584	7.2742	1.25437
7400	0.4189	1.9533	4.7333	1.1861	5.384	1.2628	7.3121	1.25836
7500	0.4583	2.0001	4.7413	1.1865	5.430	1.2672	7.3499	1.26237
7600	0.4975	2.0465	4.7493	1.1871	5.478	1.2718	7.3880	1.26644
7700	0.5360	2.0923	4.7572	1.1875	5.524	1.2764	7.4258	1.27050
7800	0.5743	2.1378	4.7650	1.1878	5.571	1.2810	7.4634	1.27459
7900	0.6122	2.1828	4.7728	1.1884	5.618	1.2857	7.5011	1.27870
8000	0.6497	2.2274	4.7804	1.1891	5.666	1.2905	7.5388	1.28283
8100	0.6867	2.2714	4.7879	1.1900	5.714	1.2953	7.5759	1.28695
8200	0.7232	2.3149	4.7954	1.1909	5.762	1.3001	7.6129	1.29106
8300	0.7593	2.3578	4.8027	1.1920	5.811	1.3050	7.6492	1.29515
8400	0.7949	2.4003	4.8099	1.1926	5.858	1.3100	7.6854	1.29927
8500	0.8302	2.4424	4.8171	1.1932	5.906	1.3150	7.7214	1.30337
8600	0.8650	2.4840	4.8242	1.1949	5.956	1.3201	7.7565	1.30744
8700	0.8992	2.5248	4.8311	1.1968	6.007	1.3252	7.7910	1.31149
8800	0.9329	2.5652	4.8380	1.1980	6.056	1.3304	7.8255	1.31554
8900	0.9662	2.6052	4.8448	1.1991	6.105	1.3357	7.8597	1.31956
9000	0.9991	2.6446	4.8515	1.2008	6.156	1.3410	7.8931	1.32356
9100	1.0315	2.6836	4.8581	1.2024	6.207	1.3463	7.9264	1.32757
9200	1.0635	2.7220	4.8645	1.2040	6.257	1.3517	7.9589	1.33152
9300	1.0949	2.7598	4.8711	1.2059	6.309	1.3572	7.9905	1.33541
9400	1.1259	2.7972	4.8774	1.2077	6.360	1.3627	8.0221	1.33931
9500	1.1565	2.8343	4.8837	1.2096	6.412	1.3683	8.0535	1.34318
9600	1.1867	2.8708	4.8899	1.2121	6.466	1.3740	8.0843	1.34701
9700	1.2162	2.9067	4.8960	1.2138	6.518	1.3798	8.1143	1.35080
9800	1.2455	2.9422	4.9021	1.2155	6.570	1.3856	8.1442	1.35457
9900	1.2743	2.9773	4.9080	1.2181	6.624	1.3914	8.1732	1.35828

S/R= 36.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10000	1.3026	3.0118	4.9139	1.2204	6.678	1.3974	8.2016	1.36193
10100	1.3306	3.0460	4.9197	1.2230	6.733	1.4034	8.2300	1.36556
10200	1.3581	3.0796	4.9255	1.2257	6.788	1.4095	8.2578	1.36916
10300	1.3852	3.1129	4.9312	1.2279	6.843	1.4158	8.2855	1.37274
10400	1.4120	3.1458	4.9368	1.2305	6.899	1.4221	8.3126	1.37624
10500	1.4382	3.1781	4.9423	1.2329	6.954	1.4284	8.3392	1.37971
10600	1.4642	3.2101	4.9478	1.2356	7.010	1.4349	8.3655	1.38315
10700	1.4897	3.2417	4.9532	1.2386	7.068	1.4414	8.3914	1.38654
10800	1.5148	3.2729	4.9586	1.2415	7.125	1.4480	8.4165	1.38984
10900	1.5396	3.3037	4.9639	1.2449	7.185	1.4548	8.4420	1.39315
11000	1.5640	3.3341	4.9691	1.2481	7.244	1.4617	8.4670	1.39641
11100	1.5880	3.3641	4.9743	1.2511	7.303	1.4686	8.4913	1.39958
11200	1.5117	3.3937	4.9795	1.2538	7.361	1.4757	8.5159	1.40277
11300	1.6349	3.4229	4.9845	1.2570	7.421	1.4827	8.5392	1.40583
11400	1.6578	3.4517	4.9895	1.2597	7.480	1.4899	8.5627	1.40889
11500	1.6806	3.4804	4.9945	1.2633	7.542	1.4973	8.5863	1.41192
11600	1.7029	3.5085	4.9994	1.2669	7.604	1.5047	8.6091	1.41487
11700	1.7248	3.5365	5.0043	1.2700	7.666	1.5122	8.6319	1.41775
11800	1.7464	3.5640	5.0091	1.2740	7.730	1.5199	8.6545	1.42063
11900	1.7679	3.5913	5.0139	1.2775	7.793	1.5278	8.6775	1.42348
12000	1.7888	3.6181	5.0187	1.2805	7.855	1.5356	8.6993	1.42622
12100	1.8096	3.6447	5.0234	1.2832	7.917	1.5435	8.7214	1.42892
12200	1.8300	3.6710	5.0280	1.2859	7.978	1.5516	8.7432	1.43159
12300	1.8504	3.6972	5.0327	1.2894	8.043	1.5598	8.7652	1.43424
12400	1.8702	3.7228	5.0372	1.2929	8.107	1.5679	8.7864	1.43677
12500	1.8899	3.7484	5.0418	1.2955	8.170	1.5763	8.8080	1.43930
12600	1.9094	3.7736	5.0463	1.2993	8.237	1.5848	8.8295	1.44177
12700	1.9285	3.7984	5.0508	1.3021	8.301	1.5933	8.8510	1.44420
12800	1.9474	3.8231	5.0552	1.3031	8.359	1.6018	8.8722	1.44653
12900	1.9663	3.8477	5.0597	1.3052	8.421	1.6105	8.8938	1.44884
13000	1.9849	3.8720	5.0641	1.3074	8.483	1.6193	8.9157	1.45114
13100	2.0033	3.8961	5.0685	1.3080	8.541	1.6280	8.9374	1.45335
13200	2.0216	3.9200	5.0728	1.3089	8.599	1.6368	8.9590	1.45550
13300	2.0396	3.9436	5.0772	1.3081	8.652	1.6455	8.9811	1.45764
13400	2.0577	3.9673	5.0815	1.3087	8.710	1.6543	9.0036	1.45972
13500	2.0756	3.9908	5.0859	1.3066	8.759	1.6632	9.0263	1.46199
13600	2.0936	4.0142	5.0902	1.3010	8.795	1.6718	9.0498	1.46398
13700	2.1115	4.0374	5.0945	1.2968	8.835	1.6802	9.0733	1.46599
13800	2.1294	4.0605	5.0988	1.2891	8.862	1.6883	9.0970	1.46792
13900	2.1475	4.0839	5.1031	1.2801	8.884	1.6962	9.1220	1.46986
14000	2.1657	4.1070	5.1074	1.2697	8.899	1.7035	9.1470	1.47176
14100	2.1841	4.1303	5.1117	1.2638	8.928	1.7105	9.1733	1.47371

S/R= 37.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.9103	-7.3467	2.5417	1.4017	0.605	1.0000	3.4805	1.00000
200	-6.1609	-6.2962	2.8434	1.4013	0.856	1.0000	3.4862	1.00000
300	-5.7215	-5.6808	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-5.4078	-5.2422	3.1455	1.3951	1.208	1.0000	3.4952	1.00000
500	-5.1600	-4.8975	3.2440	1.3869	1.347	1.0000	3.5074	1.00000
600	-4.9526	-4.6109	3.3256	1.3761	1.469	1.0000	3.5270	1.00000
700	-4.7714	-4.3627	3.3955	1.3647	1.581	1.0000	3.5515	1.00000
800	-4.6100	-4.1433	3.4572	1.3543	1.683	1.0000	3.5817	1.00000
900	-4.4633	-3.9455	3.5121	1.3446	1.779	1.0000	3.6129	1.00000

S/R= 37.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1000	-4.3298	-3.7653	3.5619	1.3365	1.869	1.0000	3.6467	1.00000
1100	-4.2043	-3.5993	3.6071	1.3280	1.954	1.0000	3.6791	1.00000
1200	-4.0874	-3.4446	3.6488	1.3210	2.036	1.0000	3.7122	1.00000
1300	-3.9783	-3.3008	3.6874	1.3162	2.115	1.0000	3.7452	1.00000
1400	-3.8756	-3.1559	3.7234	1.3105	2.190	1.0000	3.7779	1.00000
1500	-3.7773	-3.0373	3.7571	1.3028	2.261	1.0000	3.8108	1.00003
1600	-3.6831	-2.9151	3.7891	1.2934	2.326	1.0001	3.8454	1.00010
1700	-3.5917	-2.7973	3.8195	1.2823	2.388	1.0003	3.8828	1.00026
1800	-3.5012	-2.6818	3.8491	1.2675	2.443	1.0006	3.9253	1.00060
1900	-3.4094	-2.5663	3.8784	1.2491	2.493	1.0013	3.9780	1.00129
2000	-3.3142	-2.4482	3.9079	1.2283	2.538	1.0025	4.0449	1.00251
2100	-3.2129	-2.3249	3.9382	1.2071	2.580	1.0045	4.1301	1.00449
2200	-3.1040	-2.1945	3.9696	1.1882	2.624	1.0075	4.2382	1.00747
2300	-2.9868	-2.0562	4.0020	1.1727	2.671	1.0115	4.3580	1.01155
2400	-2.8620	-1.9107	4.0352	1.1511	2.722	1.0168	4.5187	1.01679
2500	-2.7313	-1.7596	4.0588	1.1530	2.777	1.0231	4.6861	1.02312
2600	-2.5970	-1.6052	4.1020	1.1479	2.836	1.0304	4.8639	1.03040
2700	-2.4618	-1.4502	4.1343	1.1452	2.898	1.0384	5.0456	1.03843
2800	-2.3276	-1.2966	4.1655	1.1443	2.962	1.0470	5.2279	1.04701
2900	-2.1963	-1.1464	4.1952	1.1445	3.027	1.0560	5.4050	1.05594
3000	-2.0688	-1.0005	4.2234	1.1461	3.094	1.0650	5.5750	1.06503
3100	-1.9472	-0.8509	4.2498	1.1491	3.163	1.0742	5.7337	1.07417
3200	-1.8315	-0.7278	4.2745	1.1526	3.232	1.0833	5.8798	1.08323
3300	-1.7222	-0.6016	4.2976	1.1568	3.302	1.0921	6.0128	1.09207
3400	-1.6193	-0.4823	4.3192	1.1616	3.372	1.1007	6.1330	1.10056
3500	-1.5229	-0.3701	4.3392	1.1669	3.441	1.1089	6.2387	1.10888
3600	-1.4328	-0.2647	4.3578	1.1727	3.511	1.1168	6.3319	1.11671
3700	-1.3489	-0.1660	4.3752	1.1791	3.581	1.1242	6.4114	1.12409
3800	-1.2708	-0.0737	4.3913	1.1858	3.651	1.1311	6.4797	1.13099
3900	-1.1982	0.0127	4.4064	1.1926	3.720	1.1375	6.5362	1.13741
4000	-1.1306	0.0935	4.4204	1.1996	3.788	1.1435	6.5820	1.14334
4100	-1.0676	0.1693	4.4336	1.2064	3.855	1.1490	6.6191	1.14881
4200	-1.0087	0.2406	4.4459	1.2130	3.921	1.1540	6.6481	1.15383
4300	-0.9535	0.3078	4.4575	1.2191	3.985	1.1586	6.6707	1.15841
4400	-0.9014	0.3714	4.4687	1.2241	4.047	1.1628	6.6870	1.16261
4500	-0.8518	0.4322	4.4793	1.2281	4.106	1.1667	6.7000	1.16648
4600	-0.8045	0.4904	4.4894	1.2313	4.163	1.1703	6.7089	1.17006
4700	-0.7590	0.5464	4.4992	1.2332	4.218	1.1737	6.7157	1.17339
4800	-0.7149	0.6009	4.5087	1.2338	4.269	1.1768	6.7215	1.17652
4900	-0.6719	0.6540	4.5180	1.2263	4.306	1.1799	6.7273	1.17951
5000	-0.6275	0.7082	4.5276	1.2245	4.351	1.1824	6.7390	1.18205
5100	-0.5856	0.7596	4.5366	1.2293	4.408	1.1853	6.7457	1.18484
5200	-0.5442	0.8105	4.5455	1.2270	4.452	1.1881	6.7537	1.18760
5300	-0.5030	0.8610	4.5545	1.2237	4.494	1.1909	6.7635	1.19034
5400	-0.4618	0.9114	4.5633	1.2202	4.535	1.1937	6.7753	1.19311
5500	-0.4206	0.9615	4.5722	1.2167	4.576	1.1965	6.7892	1.19589
5600	-0.3792	1.0118	4.5810	1.2129	4.616	1.1994	6.8054	1.19876
5700	-0.3376	1.0622	4.5899	1.2095	4.656	1.2024	6.8238	1.20167
5800	-0.2960	1.1125	4.5988	1.2060	4.696	1.2055	6.8446	1.20467
5900	-0.2540	1.1630	4.6077	1.2026	4.736	1.2087	6.8679	1.20777
6000	-0.2119	1.2136	4.6165	1.1996	4.776	1.2120	6.8930	1.21094
6100	-0.1696	1.2643	4.6254	1.1974	4.818	1.2153	6.9201	1.21420
6200	-0.1274	1.3148	4.6343	1.1955	4.860	1.2188	6.9492	1.21756
6300	-0.0851	1.3653	4.6432	1.1930	4.902	1.2224	6.9801	1.22103
6400	-0.0426	1.4159	4.6520	1.1912	4.944	1.2261	7.0120	1.22454

S/R= 37.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6500	-0.0003	1.4563	4.6608	1.1899	4.987	1.2298	7.0457	1.22816
6600	0.0420	1.5167	4.6696	1.1887	5.031	1.2337	7.0808	1.23188
6700	0.0842	1.5667	4.6783	1.1870	5.074	1.2377	7.1165	1.23565
6800	0.1264	1.5168	4.5870	1.1862	5.118	1.2417	7.1534	1.23950
6900	0.1681	1.5663	4.6956	1.1856	5.163	1.2459	7.1908	1.24340
7000	0.2099	1.7158	4.7042	1.1851	5.208	1.2501	7.2290	1.24737
7100	0.2512	1.7648	4.7127	1.1849	5.253	1.2544	7.2578	1.25142
7200	0.2923	1.8135	4.7211	1.1846	5.299	1.2588	7.3068	1.25547
7300	0.3330	1.8617	4.7294	1.1842	5.344	1.2632	7.3459	1.25959
7400	0.3736	1.9097	4.7375	1.1840	5.389	1.2677	7.3852	1.26372
7500	0.4137	1.9572	4.7457	1.1844	5.436	1.2723	7.4244	1.26787
7600	0.4534	2.0042	4.7538	1.1851	5.484	1.2769	7.4639	1.27207
7700	0.4926	2.0507	4.7617	1.1855	5.531	1.2816	7.5030	1.27628
7800	0.5314	2.0967	4.7696	1.1858	5.578	1.2863	7.5419	1.28051
7900	0.5698	2.1423	4.7773	1.1865	5.626	1.2911	7.5807	1.28475
8000	0.6078	2.1873	4.7850	1.1872	5.673	1.2960	7.6195	1.28901
8100	0.6453	2.2318	4.7926	1.1880	5.721	1.3009	7.6577	1.29325
8200	0.6823	2.2758	4.8001	1.1889	5.770	1.3058	7.6958	1.29750
8300	0.7188	2.3193	4.8074	1.1900	5.818	1.3108	7.7330	1.30173
8400	0.7549	2.3622	4.8147	1.1908	5.867	1.3158	7.7701	1.30596
8500	0.7905	2.4047	4.8219	1.1915	5.915	1.3209	7.8070	1.31019
8600	0.8257	2.4466	4.8290	1.1929	5.964	1.3260	7.8429	1.31438
8700	0.8603	2.4879	4.8359	1.1947	6.015	1.3312	7.8781	1.31855
8800	0.8944	2.5287	4.8428	1.1960	6.065	1.3364	7.9133	1.32272
8900	0.9281	2.5690	4.8497	1.1971	6.114	1.3417	7.9481	1.32686
9000	0.9613	2.6087	4.8564	1.1989	6.165	1.3470	7.9821	1.33098
9100	0.9940	2.6480	4.8630	1.2005	6.216	1.3524	8.0160	1.33509
9200	1.0263	2.6868	4.8695	1.2019	6.266	1.3578	8.0490	1.33915
9300	1.0580	2.7249	4.8760	1.2037	6.317	1.3633	8.0811	1.34316
9400	1.0893	2.7626	4.8823	1.2054	6.368	1.3688	8.1132	1.34717
9500	1.1202	2.7999	4.8886	1.2072	6.420	1.3744	8.1449	1.35114
9600	1.1506	2.8366	4.8948	1.2098	6.474	1.3801	8.1760	1.35507
9700	1.1804	2.8728	4.9009	1.2118	6.527	1.3858	8.2064	1.35897
9800	1.2100	2.9086	4.9070	1.2132	6.578	1.3916	8.2367	1.36284
9900	1.2390	2.9438	4.9129	1.2154	6.631	1.3974	8.2660	1.36666
10000	1.2676	2.9786	4.9189	1.2176	6.684	1.4033	8.2945	1.37041
10100	1.2958	3.0130	4.9246	1.2201	6.739	1.4093	8.3230	1.37414
10200	1.3235	3.0468	4.9303	1.2228	6.794	1.4153	8.3510	1.37783
10300	1.3508	3.0803	4.9360	1.2252	6.849	1.4215	8.3789	1.38150
10400	1.3778	3.1133	4.9415	1.2281	6.905	1.4278	8.4061	1.38511
10500	1.4041	3.1457	4.9472	1.2301	6.960	1.4341	8.4329	1.38867
10600	1.4303	3.1780	4.9526	1.2322	7.014	1.4404	8.4592	1.39220
10700	1.4560	3.2097	4.9580	1.2352	7.071	1.4468	8.4851	1.39568
10800	1.4814	3.2410	4.9634	1.2380	7.128	1.4533	8.5101	1.39907
10900	1.5063	3.2720	4.9687	1.2413	7.187	1.4600	8.5355	1.40248
11000	1.5309	3.3025	4.9739	1.2444	7.246	1.4667	8.5603	1.40582
11100	1.5551	3.3326	4.9790	1.2476	7.305	1.4735	8.5846	1.40907
11200	1.5789	3.3624	4.9842	1.2508	7.365	1.4805	8.6092	1.41236
11300	1.6023	3.3916	4.9892	1.2535	7.423	1.4874	8.6325	1.41551
11400	1.6253	3.4206	4.9942	1.2554	7.479	1.4945	8.6558	1.41865
11500	1.6483	3.4494	4.9992	1.2590	7.540	1.5017	8.6792	1.42176
11600	1.6706	3.4775	5.0041	1.2624	7.601	1.5089	8.7017	1.42480
11700	1.6928	3.5056	5.0089	1.2654	7.662	1.5162	8.7241	1.42777
11800	1.7145	3.5332	5.0137	1.2694	7.725	1.5237	8.7465	1.43073
11900	1.7361	3.5606	5.0185	1.2728	7.788	1.5313	8.7691	1.43366

S/R= 37.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	4/RT	Z*
12000	1.7572	3.5874	5.0232	1.2760	7.850	1.5390	8.7907	1.43648
12100	1.7781	3.6141	5.0279	1.2792	7.912	1.5467	8.8125	1.43927
12200	1.7986	3.6405	5.0325	1.2816	7.973	1.5546	8.8342	1.44202
12300	1.8191	3.6667	5.0371	1.2845	8.035	1.5626	8.8557	1.44474
12400	1.8390	3.6924	5.0417	1.2879	8.099	1.5705	8.8765	1.44736
12500	1.8589	3.7179	5.0462	1.2905	8.160	1.5787	8.8975	1.44997
12600	1.8784	3.7432	5.0507	1.2943	8.226	1.5869	8.9186	1.45253
12700	1.8976	3.7681	5.0551	1.2972	8.290	1.5951	8.9395	1.45503
12800	1.9166	3.7927	5.0595	1.2985	8.348	1.6035	8.9600	1.45744
12900	1.9355	3.8173	5.0639	1.3010	8.411	1.6119	8.9811	1.45984
13000	1.9542	3.8416	5.0683	1.3034	8.474	1.6204	9.0023	1.46221
13100	1.9726	3.8657	5.0726	1.3043	8.531	1.6290	9.0233	1.46451
13200	1.9909	3.8895	5.0769	1.3056	8.591	1.6375	9.0442	1.46673
13300	2.0090	3.9131	5.0812	1.3054	8.645	1.6461	9.0655	1.46895
13400	2.0271	3.9368	5.0855	1.3067	8.704	1.6547	9.0871	1.47110
13500	2.0450	3.9601	5.0898	1.3055	8.756	1.6634	9.1094	1.47342
13600	2.0629	3.9835	5.0941	1.3011	8.796	1.6719	9.1314	1.47549
13700	2.0807	4.0066	5.0983	1.2980	8.839	1.6802	9.1540	1.47756
13800	2.0984	4.0296	5.1025	1.2916	8.871	1.6883	9.1768	1.47956
13900	2.1164	4.0528	5.1068	1.2840	8.898	1.6963	9.2005	1.48157
14000	2.1343	4.0757	5.1111	1.2754	8.919	1.7037	9.2243	1.48352
14100	2.1525	4.0987	5.1153	1.2638	8.929	1.7109	9.2493	1.48551
14200	2.1709	4.1219	5.1196	1.2484	8.923	1.7174	9.2753	1.48752
14300	2.1897	4.1452	5.1239	1.2399	8.938	1.7232	9.3019	1.48950

S/R= 37.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	4/RT	Z*
100	-6.9974	-7.4338	2.5416	1.4015	0.605	1.0000	3.4806	1.00000
200	-6.2477	-6.3831	2.8434	1.4012	0.856	1.0000	3.4862	1.00000
300	-5.8082	-5.7675	3.0198	1.3998	1.048	1.0000	3.4891	1.00000
400	-5.4948	-5.3291	3.1455	1.3952	1.208	1.0000	3.4952	1.00000
500	-5.2469	-4.9843	3.2440	1.3868	1.347	1.0000	3.5074	1.00000
600	-5.0395	-4.5977	3.3256	1.3761	1.469	1.0000	3.5270	1.00000
700	-4.8582	-4.4495	3.3955	1.3648	1.581	1.0000	3.5516	1.00000
800	-4.6969	-4.2303	3.4572	1.3542	1.683	1.0000	3.5817	1.00000
900	-4.5501	-4.0323	3.5121	1.3444	1.779	1.0000	3.6129	1.00000
1000	-4.4156	-3.8521	3.5619	1.3365	1.869	1.0000	3.6467	1.00000
1100	-4.2911	-3.6861	3.6071	1.3282	1.955	1.0000	3.6791	1.00000
1200	-4.1743	-3.5316	3.6488	1.3212	2.036	1.0000	3.7122	1.00000
1300	-4.0652	-3.3877	3.6874	1.3162	2.115	1.0000	3.7452	1.00000
1400	-3.9626	-3.2529	3.7234	1.3103	2.190	1.0000	3.7779	1.00000
1500	-3.8641	-3.1241	3.7571	1.3023	2.260	1.0000	3.8109	1.00003
1600	-3.7698	-3.0018	3.7891	1.2929	2.326	1.0001	3.8458	1.00010
1700	-3.6781	-2.8837	3.8197	1.2812	2.387	1.0003	3.8838	1.00028
1800	-3.5871	-2.7677	3.8494	1.2656	2.442	1.0007	3.9274	1.00066
1900	-3.4944	-2.6512	3.8789	1.2463	2.490	1.0014	3.9822	1.00142
2000	-3.3976	-2.5315	3.9083	1.2246	2.534	1.0028	4.0527	1.00276
2100	-3.2941	-2.4059	3.9395	1.2030	2.577	1.0049	4.1428	1.00493
2200	-3.1822	-2.2724	3.9716	1.1841	2.621	1.0082	4.2574	1.00815
2300	-3.0616	-2.1306	4.0047	1.1689	2.668	1.0126	4.3948	1.01255
2400	-2.9331	-1.9812	4.0386	1.1578	2.720	1.0182	4.5534	1.01816
2500	-2.7988	-1.8263	4.0727	1.1502	2.776	1.0249	4.7287	1.02487
2600	-2.6612	-1.6684	4.1064	1.1456	2.836	1.0325	4.9137	1.03253
2700	-2.5230	-1.5104	4.1391	1.1433	2.899	1.0409	5.1015	1.04091

S/R= 37.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2800	-2.3863	-1.3542	4.1705	1.1428	2.964	1.0498	5.2890	1.04983
2900	-2.2530	-1.2018	4.2004	1.1433	3.030	1.0591	5.4701	1.05906
3000	-2.1240	-1.0542	4.2286	1.1452	3.098	1.0684	5.6429	1.06841
3100	-2.0012	-0.9135	4.2551	1.1485	3.168	1.0778	5.8035	1.07778
3200	-1.8847	-0.7794	4.2797	1.1522	3.237	1.0870	5.9506	1.08702
3300	-1.7750	-0.6528	4.3027	1.1567	3.308	1.0960	6.0838	1.09601
3400	-1.6719	-0.5333	4.3241	1.1617	3.378	1.1047	6.2034	1.10470
3500	-1.5757	-0.4212	4.3440	1.1674	3.448	1.1130	6.3078	1.11299
3600	-1.4859	-0.3162	4.3624	1.1735	3.519	1.1209	6.3993	1.12085
3700	-1.4025	-0.2180	4.3795	1.1802	3.589	1.1283	6.4765	1.12822
3800	-1.3251	-0.1264	4.3955	1.1872	3.659	1.1352	6.5421	1.13508
3900	-1.2533	-0.0408	4.4103	1.1943	3.729	1.1415	6.5958	1.14144
4000	-1.1865	0.0391	4.4241	1.2015	3.797	1.1474	6.6385	1.14728
4100	-1.1244	0.1140	4.4371	1.2086	3.865	1.1528	6.6725	1.15264
4200	-1.0663	0.1843	4.4492	1.2152	3.931	1.1577	6.6984	1.15754
4300	-1.0119	0.2507	4.4607	1.2212	3.995	1.1622	6.7183	1.16200
4400	-0.9605	0.3136	4.4716	1.2261	4.056	1.1663	6.7319	1.16608
4500	-0.9116	0.3737	4.4820	1.2298	4.115	1.1700	6.7425	1.16982
4600	-0.8648	0.4313	4.4920	1.2325	4.171	1.1735	6.7494	1.17329
4700	-0.8197	0.4870	4.5017	1.2338	4.224	1.1768	6.7548	1.17653
4800	-0.7759	0.5412	4.5112	1.2339	4.275	1.1799	6.7595	1.17958
4900	-0.7328	0.5941	4.5204	1.2259	4.310	1.1828	6.7645	1.18250
5000	-0.6884	0.6483	4.5299	1.2236	4.355	1.1854	6.7758	1.18501
5100	-0.6463	0.7000	4.5390	1.2278	4.411	1.1882	6.7826	1.18778
5200	-0.6046	0.7511	4.5479	1.2251	4.454	1.1909	6.7910	1.19053
5300	-0.5631	0.8020	4.5569	1.2215	4.495	1.1937	6.8015	1.19320
5400	-0.5214	0.8528	4.5658	1.2177	4.536	1.1966	6.8142	1.19608
5500	-0.4796	0.9036	4.5747	1.2139	4.576	1.1995	6.8293	1.19891
5600	-0.4376	0.9545	4.5837	1.2098	4.616	1.2024	6.8470	1.20184
5700	-0.3953	1.0056	4.5926	1.2064	4.656	1.2055	6.8569	1.20483
5800	-0.3529	1.0567	4.6016	1.2031	4.696	1.2087	6.8896	1.20792
5900	-0.3101	1.1081	4.6106	1.1998	4.736	1.2119	6.9146	1.21111
6000	-0.2672	1.1595	4.6196	1.1965	4.777	1.2153	6.9417	1.21440
6100	-0.2241	1.2110	4.6286	1.1943	4.819	1.2188	6.9709	1.21778
6200	-0.1811	1.2624	4.6376	1.1926	4.862	1.2224	7.0019	1.22126
6300	-0.1379	1.3138	4.6466	1.1901	4.903	1.2261	7.0349	1.22486
6400	-0.0946	1.3653	4.6555	1.1884	4.946	1.2299	7.0588	1.22851
6500	-0.0514	1.4166	4.6645	1.1872	4.990	1.2338	7.1046	1.23227
6600	-0.0083	1.4677	4.6733	1.1861	5.034	1.2378	7.1416	1.23612
6700	0.0346	1.5186	4.6822	1.1845	5.077	1.2419	7.1792	1.24004
6800	0.0776	1.5695	4.6909	1.1837	5.121	1.2460	7.2180	1.24403
6900	0.1201	1.6199	4.6996	1.1832	5.166	1.2503	7.2573	1.24808
7000	0.1627	1.6702	4.7083	1.1828	5.212	1.2547	7.2972	1.25220
7100	0.2047	1.7198	4.7168	1.1828	5.258	1.2591	7.3377	1.25638
7200	0.2465	1.7693	4.7253	1.1824	5.304	1.2636	7.3784	1.26059
7300	0.2878	1.8182	4.7337	1.1821	5.349	1.2682	7.4190	1.26484
7400	0.3291	1.8669	4.7420	1.1819	5.395	1.2728	7.4599	1.26912
7500	0.3697	1.9150	4.7502	1.1825	5.443	1.2774	7.5005	1.27341
7600	0.4100	1.9626	4.7583	1.1831	5.491	1.2822	7.5414	1.27775
7700	0.4498	2.0096	4.7663	1.1836	5.538	1.2869	7.5817	1.28210
7800	0.4892	2.0563	4.7742	1.1839	5.585	1.2918	7.6219	1.28646
7900	0.5281	2.1024	4.7820	1.1846	5.633	1.2967	7.6619	1.29085
8000	0.5665	2.1480	4.7897	1.1854	5.681	1.3016	7.7019	1.29523
8100	0.6045	2.1930	4.7973	1.1863	5.730	1.3066	7.7411	1.29961
8200	0.6420	2.2374	4.8048	1.1870	5.778	1.3116	7.7801	1.30399



S/R= 37.2

T	LOG(RH <sub>0</sub> )	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3300	0.6789	2.2813	4.8122	1.1881	5.827	1.3166	7.8183	1.30834
3400	0.7154	2.3247	4.8195	1.1890	5.875	1.3218	7.8563	1.31271
3500	0.7515	2.3576	4.8267	1.1898	5.924	1.3269	7.8939	1.31706
3600	0.7871	2.4100	4.8338	1.1913	5.974	1.3321	7.9306	1.32136
3700	0.8220	2.4516	4.8408	1.1929	6.024	1.3373	7.9665	1.32565
3800	0.8564	2.4927	4.8477	1.1940	6.074	1.3425	8.0024	1.32994
3900	0.8905	2.5334	4.8545	1.1952	6.123	1.3479	8.0379	1.33420
4000	0.9240	2.5735	4.8612	1.1970	6.174	1.3532	8.0724	1.33843
4100	0.9571	2.6131	4.8679	1.1987	6.225	1.3587	8.1069	1.34266
4200	0.9896	2.6521	4.8744	1.2002	6.276	1.3641	8.1405	1.34683
4300	1.0215	2.6905	4.8809	1.2017	6.327	1.3696	8.1731	1.35094
4400	1.0532	2.7285	4.8872	1.2032	6.377	1.3751	8.2055	1.35506
4500	1.0844	2.7661	4.8935	1.2050	6.429	1.3807	8.2376	1.35914
4600	1.1151	2.8031	4.8997	1.2075	6.483	1.3864	8.2590	1.36318
4700	1.1451	2.8394	4.9058	1.2097	6.536	1.3921	8.2997	1.36718
4800	1.1749	2.8755	4.9119	1.2114	6.588	1.3979	8.3303	1.37115
4900	1.2042	2.9109	4.9178	1.2134	6.640	1.4037	8.3599	1.37506
5000	1.2329	2.9459	4.9237	1.2151	6.692	1.4095	8.3887	1.37891
5100	1.2614	2.9805	4.9295	1.2174	6.746	1.4154	8.4173	1.38274
5200	1.2893	3.0145	4.9352	1.2201	6.801	1.4214	8.4454	1.38653
5300	1.3169	3.0481	4.9409	1.2225	6.856	1.4276	8.4733	1.39030
5400	1.3440	3.0813	4.9465	1.2254	6.912	1.4337	8.5006	1.39400
5500	1.3705	3.1139	4.9520	1.2278	6.967	1.4399	8.5274	1.39765
5600	1.3969	3.1463	4.9575	1.2297	7.021	1.4463	8.5540	1.40127
5700	1.4229	3.1782	4.9629	1.2321	7.077	1.4526	8.5799	1.40485
5800	1.4483	3.2096	4.9682	1.2347	7.133	1.4590	8.6049	1.40832
5900	1.4734	3.2407	4.9735	1.2378	7.191	1.4655	8.6302	1.41182
6000	1.4982	3.2714	4.9787	1.2409	7.249	1.4721	8.6550	1.41525
6100	1.5225	3.3015	4.9838	1.2440	7.307	1.4788	8.6791	1.41860
6200	1.5465	3.3314	4.9889	1.2473	7.367	1.4856	8.7036	1.42197
6300	1.5700	3.3608	4.9939	1.2505	7.426	1.4924	8.7266	1.42520
6400	1.5932	3.3898	4.9989	1.2523	7.482	1.4994	8.7500	1.42843
6500	1.6162	3.4188	5.0039	1.2551	7.541	1.5065	8.7732	1.43162
6600	1.6387	3.4470	5.0087	1.2583	7.601	1.5135	8.7954	1.43474
6700	1.6610	3.4751	5.0135	1.2611	7.660	1.5207	8.8177	1.43780
6800	1.6829	3.5028	5.0183	1.2650	7.723	1.5280	8.8397	1.44084
6900	1.7046	3.5302	5.0231	1.2683	7.784	1.5354	8.8620	1.44385
7000	1.7258	3.5572	5.0278	1.2715	7.846	1.5428	8.8832	1.44675
7100	1.7468	3.5839	5.0324	1.2747	7.908	1.5504	8.9046	1.44963
7200	1.7675	3.6103	5.0370	1.2776	7.969	1.5581	8.9259	1.45246
7300	1.7880	3.6366	5.0416	1.2806	8.031	1.5659	8.9473	1.45526
7400	1.8081	3.6623	5.0461	1.2834	8.093	1.5737	8.9678	1.45796
7500	1.8280	3.6879	5.0506	1.2857	8.153	1.5816	8.9885	1.46065
7600	1.8477	3.7132	5.0550	1.2895	8.218	1.5896	9.0089	1.46328
7700	1.8670	3.7381	5.0595	1.2926	8.281	1.5976	9.0293	1.46587
7800	1.8860	3.7628	5.0638	1.2941	8.340	1.6057	9.0493	1.46835
7900	1.9050	3.7874	5.0682	1.2966	8.402	1.6139	9.0697	1.47083
8000	1.9237	3.8116	5.0725	1.2993	8.465	1.6222	9.0902	1.47328
8100	1.9422	3.8357	5.0768	1.3006	8.523	1.6305	9.1105	1.47565
8200	1.9606	3.8595	5.0811	1.3023	8.583	1.6389	9.1308	1.47796
8300	1.9786	3.8831	5.0853	1.3026	8.639	1.6473	9.1514	1.48025
8400	1.9967	3.9067	5.0896	1.3043	8.699	1.6557	9.1722	1.48248
8500	2.0146	3.9300	5.0938	1.3038	8.752	1.6642	9.1935	1.48485
8600	2.0324	3.9532	5.0980	1.3005	8.795	1.6726	9.2147	1.48699
8700	2.0501	3.9762	5.1022	1.2984	8.842	1.6808	9.2363	1.48913

S/R= 37.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13800	2.0678	3.9991	5.1064	1.2933	8.878	1.6888	9.2581	1.49120
13900	2.0857	4.0222	5.1105	1.2872	8.910	1.6968	9.2808	1.49327
14000	2.1034	4.0449	5.1148	1.2802	8.938	1.7043	9.3035	1.49528
14100	2.1213	4.0677	5.1190	1.2705	8.955	1.7116	9.3272	1.49732
14200	2.1394	4.0907	5.1232	1.2573	8.957	1.7185	9.3518	1.49937
14300	2.1578	4.1137	5.1274	1.2417	8.949	1.7246	9.3769	1.50137
14400	2.1765	4.1368	5.1315	1.2230	8.926	1.7300	9.4033	1.50346
14500	2.1957	4.1601	5.1359	1.2123	8.929	1.7343	9.4312	1.50561

S/R= 37.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-6.3345	-6.4599	2.8434	1.4009	0.856	1.0000	3.4862	1.00000
300	-5.8952	-5.8545	3.0198	1.3999	1.048	1.0000	3.4891	1.00000
400	-5.5817	-5.4161	3.1455	1.3950	1.208	1.0000	3.4952	1.00000
500	-5.3336	-5.0710	3.2440	1.3866	1.346	1.0000	3.5074	1.00000
600	-5.1262	-4.7845	3.3256	1.3763	1.469	1.0000	3.5270	1.00000
700	-4.9452	-4.5365	3.3955	1.3650	1.581	1.0000	3.5516	1.00000
800	-4.7839	-4.3172	3.4572	1.3540	1.683	1.0000	3.5817	1.00000
900	-4.6369	-4.1191	3.5121	1.3445	1.779	1.0000	3.6129	1.00000
1000	-4.5026	-3.9390	3.5619	1.3364	1.869	1.0000	3.6467	1.00000
1100	-4.3779	-3.7729	3.6071	1.3280	1.954	1.0000	3.6791	1.00000
1200	-4.2612	-3.6184	3.6488	1.3215	2.036	1.0000	3.7122	1.00000
1300	-4.1522	-3.4746	3.6874	1.3163	2.115	1.0000	3.7452	1.00000
1400	-4.0495	-3.3397	3.7234	1.3101	2.190	1.0000	3.7779	1.00000
1500	-3.9509	-3.2109	3.7571	1.3021	2.260	1.0000	3.8110	1.00004
1600	-3.8565	-3.0885	3.7892	1.2923	2.325	1.0001	3.8462	1.00012
1700	-3.7645	-2.9701	3.8198	1.2801	2.386	1.0003	3.8848	1.00031
1800	-3.6729	-2.8534	3.8496	1.2636	2.440	1.0007	3.9298	1.00073
1900	-3.5792	-2.7359	3.8794	1.2432	2.487	1.0016	3.9869	1.00156
2000	-3.4806	-2.6144	3.9097	1.2208	2.531	1.0030	4.0611	1.00304
2100	-3.3747	-2.4863	3.9410	1.1988	2.573	1.0054	4.1565	1.00541
2200	-3.2598	-2.3497	3.9737	1.1800	2.617	1.0089	4.2781	1.00890
2300	-3.1355	-2.2041	4.0075	1.1652	2.665	1.0136	4.4234	1.01363
2400	-3.0033	-2.0508	4.0421	1.1546	2.718	1.0196	4.5903	1.01961
2500	-2.8653	-1.8920	4.0768	1.1476	2.775	1.0267	4.7736	1.02670
2600	-2.7243	-1.7306	4.1110	1.1435	2.836	1.0348	4.9657	1.03475
2700	-2.5832	-1.5695	4.1440	1.1416	2.900	1.0435	5.1597	1.04350
2800	-2.4441	-1.4108	4.1757	1.1414	2.966	1.0527	5.3521	1.05274
2900	-2.3089	-1.2564	4.2057	1.1422	3.033	1.0623	5.5369	1.06227
3000	-2.1784	-1.1073	4.2339	1.1445	3.102	1.0719	5.7123	1.07187
3100	-2.0546	-0.9653	4.2603	1.1479	3.172	1.0815	5.8745	1.08145
3200	-1.9374	-0.8306	4.2849	1.1520	3.243	1.0909	6.0223	1.09087
3300	-1.8273	-0.7036	4.3078	1.1567	3.314	1.1000	6.1554	1.09998
3400	-1.7242	-0.5841	4.3290	1.1621	3.385	1.1088	6.2741	1.10876
3500	-1.6282	-0.4722	4.3487	1.1680	3.456	1.1171	6.3770	1.11710
3600	-1.5389	-0.3676	4.3670	1.1745	3.527	1.1250	6.4663	1.12497
3700	-1.4562	-0.2701	4.3838	1.1815	3.598	1.1324	6.5410	1.13232
3800	-1.3795	-0.1793	4.3996	1.1887	3.668	1.1392	6.6038	1.13912
3900	-1.3085	-0.0946	4.4142	1.1962	3.738	1.1455	6.6542	1.14540
4000	-1.2427	-0.0156	4.4277	1.2036	3.807	1.1512	6.6937	1.15114
4100	-1.1815	0.0583	4.4404	1.2108	3.875	1.1565	6.7245	1.15637
4200	-1.1243	0.1277	4.4524	1.2175	3.941	1.1613	6.7472	1.16114
4300	-1.0707	0.1932	4.4637	1.2234	4.004	1.1656	6.7641	1.16546
4400	-1.0200	0.2553	4.4744	1.2280	4.065	1.1696	6.7752	1.16941

S/R= 37.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4500	-0.9717	0.3147	4.4847	1.2315	4.123	1.1732	6.7835	1.17303
4600	-0.9254	0.3718	4.4945	1.2336	4.178	1.1766	6.7886	1.17638
4700	-0.8806	0.4272	4.5041	1.2343	4.230	1.1797	6.7925	1.17953
4800	-0.8368	0.4811	4.5135	1.2338	4.280	1.1827	6.7963	1.18251
4900	-0.7939	0.5341	4.5227	1.2253	4.315	1.1856	6.8007	1.18537
5000	-0.7494	0.5883	4.5322	1.2225	4.358	1.1882	6.8120	1.18786
5100	-0.7071	0.6402	4.5413	1.2261	4.413	1.1909	6.8189	1.19061
5200	-0.6650	0.6917	4.5503	1.2230	4.455	1.1937	6.8279	1.19336
5300	-0.6230	0.7430	4.5593	1.2190	4.496	1.1965	6.8393	1.19615
5400	-0.5808	0.7945	4.5683	1.2149	4.536	1.1994	6.8532	1.19898
5500	-0.5384	0.8459	4.5773	1.2110	4.576	1.2024	6.8697	1.20187
5600	-0.4957	0.8975	4.5863	1.2068	4.615	1.2054	6.8889	1.20487
5700	-0.4526	0.9494	4.5954	1.2032	4.656	1.2085	6.9107	1.20795
5800	-0.4094	1.0013	4.6045	1.2000	4.696	1.2118	6.9353	1.21114
5900	-0.3658	1.0535	4.6136	1.1968	4.737	1.2152	6.9623	1.21444
6000	-0.3220	1.1059	4.6227	1.1936	4.777	1.2186	6.9914	1.21785
6100	-0.2781	1.1583	4.6318	1.1913	4.819	1.2222	7.0227	1.22135
6200	-0.2342	1.2106	4.6409	1.1897	4.863	1.2259	7.0559	1.22497
6300	-0.1901	1.2629	4.6500	1.1874	4.905	1.2298	7.0909	1.22869
6400	-0.1460	1.3153	4.6591	1.1857	4.948	1.2337	7.1270	1.23249
6500	-0.1019	1.3675	4.6681	1.1846	4.992	1.2377	7.1649	1.23640
6600	-0.0580	1.4195	4.6771	1.1836	5.037	1.2419	7.2039	1.24040
6700	-0.0143	1.4712	4.6860	1.1821	5.080	1.2461	7.2435	1.24446
6800	0.0295	1.5229	4.6949	1.1813	5.125	1.2504	7.2841	1.24859
6900	0.0728	1.5741	4.7037	1.1809	5.171	1.2548	7.3253	1.25280
7000	0.1161	1.6252	4.7124	1.1806	5.217	1.2593	7.3671	1.25706
7100	0.1588	1.6756	4.7210	1.1807	5.263	1.2638	7.4092	1.26140
7200	0.2013	1.7257	4.7296	1.1804	5.309	1.2685	7.4515	1.26574
7300	0.2433	1.7753	4.7380	1.1801	5.355	1.2731	7.4936	1.27014
7400	0.2852	1.8247	4.7464	1.1800	5.402	1.2779	7.5361	1.27457
7500	0.3265	1.8735	4.7546	1.1806	5.450	1.2826	7.5781	1.27900
7600	0.3673	1.9217	4.7628	1.1813	5.498	1.2875	7.6203	1.28349
7700	0.4076	1.9693	4.7708	1.1818	5.546	1.2924	7.6620	1.28797
7800	0.4475	2.0165	4.7788	1.1821	5.593	1.2973	7.7033	1.29247
7900	0.4870	2.0632	4.7866	1.1829	5.641	1.3023	7.7446	1.29699
8000	0.5259	2.1093	4.7944	1.1837	5.690	1.3073	7.7857	1.30151
8100	0.5644	2.1548	4.8020	1.1846	5.739	1.3124	7.8259	1.30602
8200	0.6023	2.1997	4.8096	1.1854	5.787	1.3175	7.8658	1.31052
8300	0.6397	2.2440	4.8170	1.1864	5.836	1.3226	7.9050	1.31501
8400	0.6766	2.2878	4.8243	1.1873	5.885	1.3278	7.9438	1.31949
8500	0.7130	2.3312	4.8315	1.1881	5.933	1.3330	7.9822	1.32397
8600	0.7490	2.3739	4.8387	1.1897	5.984	1.3383	8.0197	1.32840
8700	0.7843	2.4159	4.8457	1.1914	6.035	1.3435	8.0564	1.33280
8800	0.8191	2.4574	4.8526	1.1923	6.084	1.3489	8.0930	1.33721
8900	0.8534	2.4984	4.8594	1.1933	6.133	1.3542	8.1290	1.34159
9000	0.8873	2.5388	4.8661	1.1951	6.184	1.3596	8.1641	1.34593
9100	0.9207	2.5787	4.8728	1.1969	6.235	1.3651	8.1990	1.35026
9200	0.9535	2.6180	4.8794	1.1985	6.286	1.3705	8.2331	1.35455
9300	0.9858	2.6567	4.8858	1.2001	6.337	1.3760	8.2662	1.35877
9400	1.0176	2.6949	4.8922	1.2014	6.387	1.3816	8.2991	1.36299
9500	1.0490	2.7328	4.8985	1.2030	6.439	1.3872	8.3316	1.36718
9600	1.0800	2.7700	4.9046	1.2055	6.492	1.3929	8.3632	1.37132
9700	1.1103	2.8066	4.9108	1.2075	6.545	1.3985	8.3942	1.37543
9800	1.1403	2.8428	4.9168	1.2093	6.597	1.4043	8.4250	1.37950
9900	1.1698	2.8785	4.9227	1.2117	6.651	1.4101	8.4549	1.38351

S/R= 37.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10000	1.1987	2.9137	4.9285	1.2132	6.702	1.4160	8.4940	1.38745
10100	1.2274	2.9484	4.9344	1.2150	6.755	1.4219	8.5128	1.39138
10200	1.2555	2.9826	4.9401	1.2176	6.810	1.4278	8.5410	1.39526
10300	1.2833	3.0165	4.9458	1.2198	6.864	1.4338	8.5690	1.39913
10400	1.3106	3.0498	4.9513	1.2228	6.920	1.4399	8.5963	1.40292
10500	1.3373	3.0826	4.9569	1.2251	6.975	1.4461	8.6232	1.40667
10600	1.3639	3.1151	4.9623	1.2274	7.029	1.4523	8.6498	1.41038
10700	1.3899	3.1471	4.9677	1.2300	7.085	1.4587	8.6758	1.41404
10800	1.4156	3.1787	4.9730	1.2320	7.140	1.4650	8.7008	1.41760
10900	1.4409	3.2099	4.9782	1.2347	7.196	1.4714	8.7261	1.42119
11000	1.4659	3.2406	4.9834	1.2376	7.253	1.4779	8.7507	1.42471
11100	1.4902	3.2709	4.9886	1.2406	7.311	1.4844	8.7747	1.42814
11200	1.5144	3.3009	4.9937	1.2438	7.370	1.4911	8.7990	1.43159
11300	1.5380	3.3304	4.9986	1.2471	7.429	1.4978	8.8219	1.43491
11400	1.5613	3.3595	5.0036	1.2493	7.486	1.5047	8.8451	1.43822
11500	1.5845	3.3885	5.0085	1.2524	7.545	1.5116	8.8682	1.44150
11600	1.6071	3.4169	5.0134	1.2550	7.603	1.5186	8.8903	1.44470
11700	1.6296	3.4450	5.0182	1.2571	7.660	1.5256	8.9123	1.44784
11800	1.6516	3.4728	5.0229	1.2509	7.722	1.5327	8.9340	1.45096
11900	1.6734	3.5003	5.0277	1.2640	7.783	1.5399	8.9560	1.45405
12000	1.6947	3.5273	5.0323	1.2672	7.844	1.5472	8.9768	1.45703
12100	1.7158	3.5541	5.0369	1.2704	7.905	1.5546	8.9979	1.45999
12200	1.7365	3.5805	5.0415	1.2733	7.966	1.5620	9.0188	1.46290
12300	1.7573	3.6068	5.0461	1.2764	8.028	1.5697	9.0398	1.46578
12400	1.7774	3.6326	5.0506	1.2796	8.090	1.5773	9.0600	1.46856
12500	1.7974	3.6582	5.0550	1.2818	8.149	1.5850	9.0806	1.47132
12600	1.8172	3.6835	5.0594	1.2851	8.212	1.5928	9.1005	1.47403
12700	1.8365	3.7085	5.0638	1.2880	8.275	1.6006	9.1204	1.47670
12800	1.8557	3.7332	5.0681	1.2897	8.333	1.6085	9.1398	1.47926
12900	1.8747	3.7578	5.0725	1.2923	8.395	1.6165	9.1597	1.48182
13000	1.8935	3.7820	5.0768	1.2952	8.457	1.6246	9.1797	1.48435
13100	1.9121	3.8061	5.0810	1.2967	8.516	1.6327	9.1993	1.48679
13200	1.9304	3.8299	5.0852	1.2988	8.577	1.6408	9.2188	1.48917
13300	1.9485	3.8534	5.0895	1.2995	8.633	1.6490	9.2386	1.49154
13400	1.9666	3.8769	5.0937	1.3015	8.694	1.6572	9.2587	1.49384
13500	1.9844	3.9002	5.0978	1.3017	8.749	1.6656	9.2791	1.49627
13600	2.0022	3.9233	5.1020	1.2993	8.794	1.6738	9.2995	1.49848
13700	2.0199	3.9463	5.1061	1.2982	8.844	1.6819	9.3201	1.50070
13800	2.0375	3.9690	5.1103	1.2943	8.884	1.6899	9.3410	1.50283
13900	2.0552	3.9920	5.1144	1.2894	8.920	1.6978	9.3626	1.50496
14000	2.0728	4.0145	5.1185	1.2840	8.953	1.7054	9.3842	1.50703
14100	2.0904	4.0372	5.1227	1.2761	8.977	1.7128	9.4067	1.50912
14200	2.1083	4.0599	5.1268	1.2648	8.987	1.7198	9.4300	1.51122
14300	2.1264	4.0827	5.1309	1.2517	8.989	1.7262	9.4537	1.51325
14400	2.1447	4.1055	5.1351	1.2355	8.977	1.7320	9.4785	1.51536
14500	2.1634	4.1284	5.1393	1.2146	8.944	1.7369	9.5046	1.51750
14600	2.1827	4.1516	5.1435	1.2033	8.943	1.7407	9.5319	1.51974

S/R= 37.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-6.4213	-6.5567	2.8434	1.4010	0.856	1.0000	3.4862	1.00000
300	-5.9872	-5.9414	3.0198	1.3999	1.048	1.0000	3.4891	1.00000
400	-5.6685	-5.5029	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-5.4204	-5.1578	3.2440	1.3865	1.346	1.0000	3.5074	1.00000

S/R= 37.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/A	Z	H/RT	Z*
600	-5.2130	-4.8713	3.3256	1.3763	1.469	1.0000	3.5270	1.00000
700	-5.0321	-4.6234	3.3955	1.3650	1.581	1.0000	3.5515	1.00000
800	-4.8707	-4.4040	3.4572	1.3541	1.683	1.0000	3.5817	1.00000
900	-4.7239	-4.2061	3.5121	1.3447	1.779	1.0000	3.6129	1.00000
1000	-4.5896	-4.0260	3.5619	1.3363	1.869	1.0000	3.6467	1.00000
1100	-4.4648	-3.8598	3.6071	1.3276	1.954	1.0000	3.6791	1.00000
1200	-4.3479	-3.7052	3.6488	1.3214	2.036	1.0000	3.7122	1.00000
1300	-4.2390	-3.5615	3.6874	1.3163	2.115	1.0000	3.7452	1.00000
1400	-4.1362	-3.4265	3.7234	1.3100	2.190	1.0000	3.7779	1.00000
1500	-4.0377	-3.2977	3.7572	1.3020	2.260	1.0000	3.8112	1.00004
1600	-3.9432	-3.1751	3.7892	1.2917	2.325	1.0001	3.8467	1.00013
1700	-3.8509	-3.0564	3.8200	1.2788	2.385	1.0003	3.8860	1.00034
1800	-3.7586	-2.9391	3.8499	1.2613	2.438	1.0008	3.9324	1.00081
1900	-3.6637	-2.8204	3.8799	1.2400	2.484	1.0017	3.9920	1.00172
2000	-3.5634	-2.6970	3.9107	1.2168	2.527	1.0033	4.0703	1.00334
2100	-3.4549	-2.5662	3.9425	1.1947	2.569	1.0059	4.1716	1.00592
2200	-3.3366	-2.4261	3.9759	1.1759	2.614	1.0097	4.3004	1.00970
2300	-3.2086	-2.2766	4.0105	1.1616	2.663	1.0148	4.4539	1.01478
2400	-3.0724	-2.1193	4.0457	1.1515	2.717	1.0211	4.6294	1.02114
2500	-2.9307	-1.9567	4.0810	1.1450	2.775	1.0286	4.8207	1.02864
2600	-2.7864	-1.7917	4.1157	1.1414	2.837	1.0371	5.0199	1.03707
2700	-2.6425	-1.6276	4.1490	1.1399	2.902	1.0462	5.2198	1.04617
2800	-2.5010	-1.4664	4.1809	1.1401	2.969	1.0557	5.4169	1.05574
2900	-2.3639	-1.3101	4.2110	1.1412	3.037	1.0656	5.6053	1.06555
3000	-2.2321	-1.1595	4.2393	1.1438	3.106	1.0754	5.7831	1.07540
3100	-2.1073	-1.0166	4.2656	1.1475	3.177	1.0852	5.9466	1.08518
3200	-1.9896	-0.8813	4.2901	1.1518	3.248	1.0948	6.0948	1.09475
3300	-1.8793	-0.7540	4.3128	1.1569	3.320	1.1040	6.2274	1.10398
3400	-1.7763	-0.6346	4.3339	1.1625	3.391	1.1129	6.3449	1.11283
3500	-1.6807	-0.5230	4.3534	1.1687	3.463	1.1212	6.4460	1.12120
3600	-1.5919	-0.4190	4.3714	1.1756	3.535	1.1291	6.5329	1.12906
3700	-1.5099	-0.3223	4.3881	1.1829	3.606	1.1364	6.6047	1.13637
3800	-1.4341	-0.2324	4.4035	1.1904	3.677	1.1432	6.6643	1.14310
3900	-1.3640	-0.1487	4.4179	1.1982	3.748	1.1494	6.7114	1.14928
4000	-1.2992	-0.0707	4.4312	1.2059	3.817	1.1550	6.7473	1.15489
4100	-1.2399	0.0022	4.4437	1.2132	3.885	1.1601	6.7748	1.15999
4200	-1.1827	0.0706	4.4554	1.2199	3.950	1.1647	6.7943	1.16462
4300	-1.1299	0.1352	4.4665	1.2256	4.014	1.1689	6.8082	1.16879
4400	-1.0799	0.1966	4.4770	1.2299	4.074	1.1727	6.8167	1.17260
4500	-1.0322	0.2554	4.4872	1.2329	4.131	1.1763	6.8230	1.17610
4600	-0.9863	0.3120	4.4969	1.2345	4.185	1.1795	6.8263	1.17935
4700	-0.9417	0.3670	4.5065	1.2346	4.236	1.1826	6.8290	1.18240
4800	-0.8981	0.4209	4.5158	1.2335	4.284	1.1855	6.8319	1.18531
4900	-0.8552	0.4738	4.5250	1.2244	4.318	1.1884	6.8360	1.18812
5000	-0.8104	0.5283	4.5345	1.2210	4.360	1.1909	6.8475	1.19060
5100	-0.7679	0.5804	4.5436	1.2241	4.414	1.1936	6.8548	1.19335
5200	-0.7254	0.6324	4.5525	1.2206	4.456	1.1964	6.8646	1.19611
5300	-0.6828	0.6842	4.5617	1.2163	4.496	1.1993	6.8771	1.19893
5400	-0.6399	0.7363	4.5708	1.2120	4.536	1.2022	6.8924	1.20182
5500	-0.5969	0.7884	4.5799	1.2080	4.576	1.2052	6.9104	1.20478
5600	-0.5534	0.8408	4.5890	1.2037	4.615	1.2083	6.9314	1.20786
5700	-0.5095	0.8936	4.5982	1.2001	4.655	1.2116	6.9552	1.21104
5800	-0.4655	0.9464	4.6074	1.1968	4.696	1.2149	6.9817	1.21434
5900	-0.4210	0.9995	4.6165	1.1937	4.737	1.2184	7.0109	1.21775
6000	-0.3763	1.0527	4.6259	1.1907	4.778	1.2220	7.0422	1.22129

S/R= 37.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6100	-0.3315	1.1361	4.6351	1.1885	4.821	1.2257	7.0757	1.22492
6200	-0.2866	1.1594	4.6443	1.1868	4.864	1.2296	7.1111	1.22868
6300	-0.2417	1.2126	4.6535	1.1847	4.907	1.2335	7.1484	1.23255
6400	-0.1967	1.2659	4.6627	1.1831	4.950	1.2376	7.1865	1.23649
6500	-0.1518	1.3190	4.6719	1.1821	4.995	1.2417	7.2265	1.24055
6600	-0.1070	1.3719	4.6809	1.1811	5.040	1.2460	7.2675	1.24470
6700	-0.0625	1.4245	4.6899	1.1797	5.084	1.2504	7.3092	1.24891
6800	-0.0179	1.4770	4.6989	1.1791	5.129	1.2548	7.3517	1.25319
6900	0.0261	1.5290	4.7078	1.1787	5.175	1.2594	7.3948	1.25755
7000	0.0702	1.5809	4.7166	1.1785	5.222	1.2640	7.4384	1.26197
7100	0.1136	1.6321	4.7253	1.1785	5.269	1.2687	7.4823	1.26645
7200	0.1568	1.6829	4.7339	1.1785	5.316	1.2734	7.5262	1.27095
7300	0.1994	1.7332	4.7424	1.1782	5.362	1.2782	7.5699	1.27549
7400	0.2419	1.7833	4.7508	1.1781	5.408	1.2831	7.6138	1.28007
7500	0.2838	1.8327	4.7591	1.1789	5.457	1.2880	7.6573	1.28464
7600	0.3253	1.8815	4.7674	1.1796	5.505	1.2929	7.7009	1.28927
7700	0.3661	1.9297	4.7754	1.1802	5.554	1.2979	7.7438	1.29389
7800	0.4065	1.9774	4.7834	1.1805	5.601	1.3030	7.7863	1.29852
7900	0.4465	2.0246	4.7913	1.1812	5.650	1.3080	7.8287	1.30318
8000	0.4859	2.0712	4.7991	1.1821	5.699	1.3132	7.8709	1.30784
8100	0.5248	2.1172	4.8068	1.1830	5.748	1.3183	7.9121	1.31247
8200	0.5632	2.1626	4.8143	1.1839	5.796	1.3235	7.9531	1.31711
8300	0.6010	2.2073	4.8218	1.1848	5.845	1.3287	7.9930	1.32172
8400	0.6383	2.2516	4.8291	1.1857	5.894	1.3340	8.0328	1.32633
8500	0.6752	2.2953	4.8364	1.1866	5.943	1.3393	8.0720	1.33093
8600	0.7115	2.3384	4.8435	1.1881	5.994	1.3446	8.1101	1.33548
8700	0.7471	2.3808	4.8505	1.1899	6.045	1.3499	8.1475	1.34000
8800	0.7822	2.4226	4.8575	1.1909	6.094	1.3553	8.1847	1.34452
8900	0.8169	2.4639	4.8643	1.1918	6.144	1.3607	8.2213	1.34901
9000	0.8511	2.5047	4.8711	1.1935	6.195	1.3661	8.2570	1.35347
9100	0.8848	2.5449	4.8777	1.1952	6.246	1.3716	8.2925	1.35792
9200	0.9179	2.5845	4.8843	1.1968	6.297	1.3771	8.3270	1.36231
9300	0.9504	2.6234	4.8907	1.1985	6.348	1.3826	8.3604	1.36664
9400	0.9825	2.6619	4.8971	1.1999	6.399	1.3882	8.3937	1.37097
9500	1.0142	2.7000	4.9034	1.2013	6.450	1.3939	8.4267	1.37526
9600	1.0454	2.7375	4.9096	1.2035	6.503	1.3995	8.4587	1.37950
9700	1.0759	2.7743	4.9157	1.2055	6.555	1.4052	8.4899	1.38371
9800	1.1061	2.8107	4.9217	1.2073	6.607	1.4110	8.5209	1.38788
9900	1.1358	2.8466	4.9277	1.2097	6.661	1.4168	8.5510	1.39199
10000	1.1650	2.8819	4.9335	1.2115	6.713	1.4226	8.5803	1.39603
10100	1.1938	2.9169	4.9393	1.2133	6.766	1.4285	8.6093	1.40005
10200	1.2221	2.9512	4.9450	1.2154	6.819	1.4344	8.6377	1.40402
10300	1.2501	2.9853	4.9506	1.2175	6.873	1.4404	8.6658	1.40799
10400	1.2776	3.0188	4.9562	1.2203	6.928	1.4464	8.6932	1.41187
10500	1.3045	3.0517	4.9617	1.2226	6.983	1.4525	8.7199	1.41571
10600	1.3312	3.0843	4.9671	1.2249	7.037	1.4587	8.7466	1.41951
10700	1.3574	3.1164	4.9725	1.2277	7.094	1.4649	8.7726	1.42325
10800	1.3832	3.1481	4.9778	1.2299	7.149	1.4712	8.7977	1.42691
10900	1.4086	3.1795	4.9830	1.2322	7.204	1.4776	8.8230	1.43058
11000	1.4337	3.2104	4.9882	1.2346	7.259	1.4840	8.8475	1.43418
11100	1.4583	3.2408	4.9933	1.2375	7.317	1.4904	8.8713	1.43770
11200	1.4826	3.2709	4.9984	1.2407	7.375	1.4970	8.8955	1.44124
11300	1.5063	3.3004	5.0034	1.2438	7.434	1.5035	8.9182	1.44464
11400	1.5298	3.3296	5.0083	1.2459	7.489	1.5102	8.9412	1.44803
11500	1.5531	3.3587	5.0132	1.2493	7.549	1.5171	8.9641	1.45139

S/R= 37.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11600	1.5758	3.3871	5.0180	1.2524	7.609	1.5239	8.9861	1.45467
11700	1.5984	3.4153	5.0228	1.2542	7.664	1.5308	9.0079	1.45789
11800	1.6205	3.4431	5.0275	1.2572	7.724	1.5378	9.0294	1.46109
11900	1.6424	3.4707	5.0322	1.2602	7.784	1.5449	9.0510	1.46427
12000	1.6638	3.4978	5.0369	1.2632	7.843	1.5520	9.0715	1.46732
12100	1.6851	3.5246	5.0415	1.2663	7.904	1.5592	9.0923	1.47036
12200	1.7060	3.5511	5.0460	1.2691	7.964	1.5664	9.1128	1.47334
12300	1.7267	3.5774	5.0505	1.2724	8.026	1.5739	9.1334	1.47630
12400	1.7469	3.6032	5.0550	1.2755	8.087	1.5813	9.1531	1.47915
12500	1.7671	3.6289	5.0594	1.2778	8.146	1.5889	9.1732	1.48200
12600	1.7869	3.6543	5.0638	1.2813	8.210	1.5965	9.1931	1.48479
12700	1.8063	3.6792	5.0682	1.2841	8.271	1.6041	9.2126	1.48752
12800	1.8256	3.7039	5.0725	1.2856	8.328	1.6118	9.2315	1.49016
12900	1.8447	3.7285	5.0768	1.2881	8.389	1.6196	9.2508	1.49279
13000	1.8635	3.7528	5.0810	1.2911	8.451	1.6274	9.2702	1.49540
13100	1.8821	3.7768	5.0852	1.2928	8.510	1.6353	9.2892	1.49792
13200	1.9005	3.8006	5.0894	1.2951	8.571	1.6433	9.3081	1.50038
13300	1.9186	3.8241	5.0936	1.2964	8.628	1.6512	9.3272	1.50282
13400	1.9367	3.8476	5.0978	1.2985	8.689	1.6593	9.3465	1.50520
13500	1.9545	3.8708	5.1019	1.2993	8.745	1.6674	9.3660	1.50768
13600	1.9723	3.8938	5.1060	1.2976	8.793	1.6755	9.3855	1.50996
13700	1.9899	3.9167	5.1101	1.2974	8.846	1.6835	9.4054	1.51225
13800	2.0074	3.9394	5.1142	1.2945	8.889	1.6913	9.4253	1.51445
13900	2.0251	3.9622	5.1183	1.2908	8.929	1.6992	9.4460	1.51664
14000	2.0425	3.9846	5.1223	1.2867	8.967	1.7068	9.4664	1.51877
14100	2.0600	4.0071	5.1264	1.2805	8.997	1.7142	9.4879	1.52091
14200	2.0776	4.0296	5.1305	1.2712	9.014	1.7214	9.5099	1.52306
14300	2.0954	4.0521	5.1345	1.2602	9.024	1.7280	9.5322	1.52513
14400	2.1134	4.0747	5.1385	1.2467	9.023	1.7342	9.5555	1.52726
14500	2.1316	4.0973	5.1427	1.2285	9.002	1.7396	9.5799	1.52941
14600	2.1503	4.1201	5.1469	1.2065	8.963	1.7440	9.6054	1.53162
14700	2.1697	4.1433	5.1511	1.1793	8.900	1.7473	9.6332	1.53401
14800	2.1899	4.1667	5.1553	1.1645	8.878	1.7488	9.6624	1.53654

S/R= 37.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-6.5082	-6.6436	2.8434	1.4009	0.856	1.0000	3.4862	1.00000
300	-6.0690	-6.0283	3.0198	1.3998	1.048	1.0000	3.4891	1.00000
400	-5.7553	-5.5896	3.1455	1.3950	1.208	1.0000	3.4952	1.00000
500	-5.5074	-5.2448	3.2440	1.3867	1.347	1.0000	3.5074	1.00000
600	-5.3000	-4.9582	3.3256	1.3761	1.469	1.0000	3.5270	1.00000
700	-5.1189	-4.7102	3.3955	1.3648	1.581	1.0000	3.5516	1.00000
800	-4.9575	-4.4908	3.4572	1.3544	1.683	1.0000	3.5817	1.00000
900	-4.8108	-4.2930	3.5121	1.3447	1.779	1.0000	3.6129	1.00000
1000	-4.6764	-4.1128	3.5619	1.3363	1.869	1.0000	3.6467	1.00000
1100	-4.5517	-3.9468	3.6071	1.3277	1.954	1.0000	3.6791	1.00000
1200	-4.4348	-3.7920	3.6488	1.3212	2.036	1.0000	3.7122	1.00000
1300	-4.3258	-3.6483	3.6874	1.3163	2.115	1.0000	3.7452	1.00000
1400	-4.2230	-3.5133	3.7234	1.3100	2.190	1.0000	3.7779	1.00000
1500	-4.1244	-3.3845	3.7572	1.3017	2.260	1.0000	3.8113	1.00004
1600	-4.0298	-3.2618	3.7893	1.2910	2.324	1.0001	3.8472	1.00014
1700	-3.9371	-3.1427	3.8201	1.2774	2.383	1.0004	3.8873	1.00038
1800	-3.8442	-3.0247	3.8502	1.2589	2.435	1.0009	3.9352	1.00089
1900	-3.7480	-2.9046	3.8806	1.2366	2.481	1.0019	3.9977	1.00190

S/R= 37.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2000	-3.6457	-2.7792	3.9117	1.2127	2.523	1.0037	4.0804	1.00367
2100	-3.5344	-2.6455	3.9442	1.1904	2.565	1.0065	4.1879	1.00648
2200	-3.4126	-2.5018	3.9784	1.1719	2.610	1.0106	4.3244	1.01057
2300	-3.2807	-2.3482	4.0135	1.1580	2.660	1.0160	4.4866	1.01601
2400	-3.1405	-2.1867	4.0496	1.1486	2.715	1.0228	4.6707	1.02277
2500	-2.9951	-2.0202	4.0855	1.1426	2.775	1.0307	4.8703	1.03066
2600	-2.8475	-1.8518	4.1205	1.1395	2.838	1.0395	5.0763	1.03948
2700	-2.7007	-1.6848	4.1542	1.1384	2.904	1.0489	5.2820	1.04894
2800	-2.5570	-1.5212	4.1862	1.1389	2.971	1.0588	5.4836	1.05882
2900	-2.4182	-1.3631	4.2164	1.1403	3.040	1.0689	5.6752	1.06891
3000	-2.2852	-1.2112	4.2447	1.1432	3.111	1.0790	5.8550	1.07899
3100	-2.1596	-1.0574	4.2709	1.1472	3.182	1.0890	6.0196	1.08895
3200	-2.0414	-0.9316	4.2953	1.1518	3.254	1.0987	6.1679	1.09867
3300	-1.9310	-0.8041	4.3178	1.1571	3.326	1.1080	6.2997	1.10800
3400	-1.8283	-0.6849	4.3387	1.1630	3.398	1.1169	6.4158	1.11691
3500	-1.7330	-0.5738	4.3580	1.1696	3.471	1.1253	6.5145	1.12529
3600	-1.6449	-0.4705	4.3758	1.1768	3.543	1.1332	6.5988	1.13313
3700	-1.5638	-0.3746	4.3922	1.1845	3.615	1.1404	6.6675	1.14037
3800	-1.4889	-0.2857	4.4074	1.1923	3.687	1.1471	6.7236	1.14701
3900	-1.4199	-0.2031	4.4215	1.2004	3.757	1.1531	6.7671	1.15306
4000	-1.3561	-0.1262	4.4345	1.2084	3.827	1.1586	6.7995	1.15854
4100	-1.2968	-0.0544	4.4468	1.2157	3.894	1.1636	6.8234	1.16349
4200	-1.2415	0.0130	4.4583	1.2223	3.960	1.1681	6.8397	1.16796
4300	-1.1895	0.0768	4.4692	1.2278	4.023	1.1721	6.8508	1.17199
4400	-1.1403	0.1374	4.4796	1.2318	4.082	1.1758	6.8567	1.17566
4500	-1.0931	0.1956	4.4896	1.2342	4.138	1.1792	6.8608	1.17904
4600	-1.0475	0.2518	4.4993	1.2351	4.191	1.1823	6.8625	1.18218
4700	-1.0032	0.3066	4.5087	1.2346	4.241	1.1853	6.8642	1.18515
4800	-0.9596	0.3604	4.5180	1.2328	4.288	1.1882	6.8666	1.18799
4900	-0.9165	0.4134	4.5272	1.2232	4.321	1.1910	6.8705	1.19077
5000	-0.8715	0.4681	4.5367	1.2193	4.362	1.1935	6.8823	1.19324
5100	-0.8286	0.5207	4.5458	1.2218	4.415	1.1962	6.8903	1.19599
5200	-0.7856	0.5731	4.5549	1.2180	4.456	1.1991	6.9012	1.19879
5300	-0.7425	0.6256	4.5641	1.2135	4.496	1.2020	6.9149	1.20165
5400	-0.6989	0.6784	4.5732	1.2089	4.535	1.2049	6.9318	1.20460
5500	-0.6550	0.7313	4.5825	1.2049	4.575	1.2080	6.9517	1.20765
5600	-0.6107	0.7845	4.5917	1.2005	4.615	1.2112	6.9746	1.21082
5700	-0.5660	0.8382	4.6010	1.1970	4.655	1.2146	7.0004	1.21410
5800	-0.5210	0.8919	4.6103	1.1938	4.696	1.2180	7.0292	1.21752
5900	-0.4757	0.9460	4.6197	1.1906	4.737	1.2216	7.0606	1.22106
6000	-0.4301	1.0002	4.6291	1.1878	4.779	1.2254	7.0942	1.22473
6100	-0.3843	1.0545	4.6384	1.1857	4.822	1.2292	7.1299	1.22850
6200	-0.3385	1.1088	4.6478	1.1840	4.865	1.2332	7.1677	1.23240
6300	-0.2927	1.1630	4.6571	1.1820	4.909	1.2373	7.2072	1.23643
6400	-0.2468	1.2172	4.6664	1.1805	4.953	1.2415	7.2475	1.24051
6500	-0.2010	1.2712	4.6756	1.1796	4.998	1.2458	7.2895	1.24472
6600	-0.1554	1.3250	4.6848	1.1788	5.043	1.2502	7.3328	1.24903
6700	-0.1100	1.3785	4.6939	1.1775	5.088	1.2547	7.3765	1.25340
6800	-0.0646	1.4319	4.7030	1.1770	5.134	1.2593	7.4210	1.25784
6900	-0.0198	1.4846	4.7119	1.1766	5.180	1.2640	7.4558	1.26234
7000	0.0250	1.5373	4.7208	1.1765	5.227	1.2687	7.5113	1.26691
7100	0.0691	1.5892	4.7296	1.1767	5.275	1.2736	7.5569	1.27155
7200	0.1129	1.6408	4.7383	1.1766	5.322	1.2784	7.6025	1.27620
7300	0.1563	1.6918	4.7469	1.1765	5.369	1.2834	7.6478	1.28089
7400	0.1994	1.7425	4.7553	1.1765	5.416	1.2883	7.6931	1.28561



S/R= 37.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7500	0.2419	1.7925	4.7637	1.1771	5.464	1.2934	7.7379	1.29033
7600	0.2839	1.8420	4.7720	1.1779	5.513	1.2984	7.7829	1.29510
7700	0.3252	1.8907	4.7801	1.1786	5.562	1.3035	7.8271	1.29986
7800	0.3662	1.9390	4.7881	1.1790	5.610	1.3087	7.8708	1.30463
7900	0.4066	1.9867	4.7960	1.1797	5.659	1.3139	7.9142	1.30942
8000	0.4466	2.0338	4.8039	1.1805	5.708	1.3191	7.9575	1.31421
8100	0.4859	2.0803	4.8116	1.1815	5.757	1.3244	7.9997	1.31898
8200	0.5247	2.1261	4.8192	1.1824	5.806	1.3296	8.0415	1.32374
8300	0.5629	2.1713	4.8266	1.1834	5.856	1.3349	8.0824	1.32848
8400	0.6006	2.2159	4.8340	1.1843	5.905	1.3403	8.1230	1.33321
8500	0.6378	2.2600	4.8413	1.1851	5.954	1.3456	8.1630	1.33794
8600	0.6745	2.3035	4.8484	1.1866	6.004	1.3510	8.2019	1.34260
8700	0.7105	2.3462	4.8554	1.1884	6.056	1.3564	8.2398	1.34725
8800	0.7459	2.3884	4.8624	1.1895	6.106	1.3618	8.2777	1.35188
8900	0.7809	2.4300	4.8693	1.1905	6.155	1.3673	8.3150	1.35649
9000	0.8154	2.4711	4.8760	1.1920	6.206	1.3728	8.3511	1.36105
9100	0.8493	2.5116	4.8827	1.1935	6.257	1.3783	8.3871	1.36561
9200	0.8827	2.5515	4.8892	1.1953	6.308	1.3839	8.4220	1.37012
9300	0.9155	2.5907	4.8955	1.1970	6.360	1.3894	8.4559	1.37455
9400	0.9479	2.6294	4.9020	1.1984	6.410	1.3950	8.4895	1.37898
9500	0.9798	2.6677	4.9083	1.1998	6.461	1.4007	8.5229	1.38337
9600	1.0112	2.7054	4.9145	1.2020	6.514	1.4064	8.5552	1.38772
9700	1.0420	2.7425	4.9206	1.2038	6.566	1.4120	8.5867	1.39202
9800	1.0724	2.7791	4.9266	1.2054	6.618	1.4178	8.6179	1.39630
9900	1.1023	2.8152	4.9326	1.2077	6.672	1.4236	8.6482	1.40050
10000	1.1317	2.8507	4.9384	1.2095	6.724	1.4294	8.6776	1.40464
10100	1.1607	2.8858	4.9442	1.2117	6.777	1.4352	8.7068	1.40875
10200	1.1892	2.9203	4.9499	1.2139	6.831	1.4412	8.7353	1.41282
10300	1.2173	2.9545	4.9555	1.2155	6.883	1.4471	8.7635	1.41687
10400	1.2450	2.9881	4.9611	1.2180	6.938	1.4531	8.7911	1.42084
10500	1.2720	3.0212	4.9666	1.2202	6.992	1.4592	8.8179	1.42477
10600	1.2989	3.0540	4.9720	1.2225	7.046	1.4653	8.8444	1.42866
10700	1.3252	3.0862	4.9773	1.2253	7.103	1.4715	8.8704	1.43249
10800	1.3512	3.1180	4.9826	1.2276	7.158	1.4776	8.8954	1.43623
10900	1.3768	3.1495	4.9878	1.2302	7.214	1.4840	8.9207	1.43999
11000	1.4019	3.1805	4.9930	1.2324	7.269	1.4903	8.9453	1.44368
11100	1.4267	3.2110	4.9981	1.2347	7.324	1.4967	8.9690	1.44727
11200	1.4511	3.2412	5.0031	1.2377	7.382	1.5031	8.9929	1.45090
11300	1.4750	3.2708	5.0081	1.2407	7.439	1.5096	9.0155	1.45438
11400	1.4986	3.3001	5.0130	1.2427	7.495	1.5162	9.0382	1.45785
11500	1.5220	3.3292	5.0179	1.2461	7.554	1.5229	9.0609	1.46129
11600	1.5448	3.3577	5.0227	1.2491	7.613	1.5296	9.0825	1.46465
11700	1.5675	3.3860	5.0274	1.2515	7.670	1.5364	9.1042	1.46795
11800	1.5897	3.4139	5.0321	1.2546	7.729	1.5433	9.1256	1.47123
11900	1.6117	3.4415	5.0368	1.2570	7.787	1.5502	9.1470	1.47448
12000	1.6332	3.4686	5.0414	1.2596	7.845	1.5571	9.1672	1.47761
12100	1.6546	3.4955	5.0460	1.2626	7.905	1.5642	9.1875	1.48072
12200	1.6755	3.5220	5.0505	1.2652	7.964	1.5713	9.2077	1.48378
12300	1.6964	3.5484	5.0550	1.2684	8.025	1.5785	9.2280	1.48682
12400	1.7167	3.5742	5.0594	1.2716	8.086	1.5857	9.2473	1.48975
12500	1.7369	3.5999	5.0638	1.2739	8.145	1.5931	9.2669	1.49267
12600	1.7568	3.6253	5.0682	1.2774	8.208	1.6006	9.2863	1.49553
12700	1.7763	3.6503	5.0725	1.2804	8.269	1.6080	9.3055	1.49834
12800	1.7956	3.6750	5.0768	1.2820	8.326	1.6155	9.3242	1.50106
12900	1.8148	3.6996	5.0811	1.2843	8.386	1.6231	9.3431	1.50376

S/R= 37.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13000	1.8337	3.7239	5.0853	1.2871	8.447	1.6308	9.3619	1.50644
13100	1.8523	3.7479	5.0895	1.2889	8.506	1.6385	9.3802	1.50904
13200	1.8707	3.7717	5.0936	1.2915	8.567	1.6462	9.3985	1.51157
13300	1.8889	3.7951	5.0978	1.2929	8.624	1.6540	9.4169	1.51408
13400	1.9070	3.8186	5.1019	1.2954	8.685	1.6618	9.4356	1.51653
13500	1.9248	3.8417	5.1060	1.2966	8.743	1.6698	9.4542	1.51907
13600	1.9426	3.8647	5.1100	1.2957	8.792	1.6777	9.4730	1.52142
13700	1.9602	3.8875	5.1141	1.2961	8.847	1.6855	9.4920	1.52378
13800	1.9776	3.9101	5.1181	1.2940	8.892	1.6933	9.5110	1.52604
13900	1.9952	3.9328	5.1221	1.2914	8.936	1.7011	9.5307	1.52831
14000	2.0125	3.9551	5.1261	1.2887	8.978	1.7086	9.5502	1.53049
14100	2.0298	3.9774	5.1302	1.2838	9.013	1.7161	9.5705	1.53269
14200	2.0473	3.9998	5.1342	1.2763	9.037	1.7233	9.5914	1.53489
14300	2.0648	4.0221	5.1382	1.2675	9.055	1.7301	9.6124	1.53700
14400	2.0825	4.0444	5.1422	1.2562	9.063	1.7365	9.6345	1.53916
14500	2.1003	4.0667	5.1462	1.2409	9.054	1.7424	9.6571	1.54133
14600	2.1185	4.0891	5.1503	1.2219	9.029	1.7474	9.6808	1.54353
14700	2.1373	4.1119	5.1544	1.1981	8.982	1.7515	9.7066	1.54587
14800	2.1567	4.1348	5.1585	1.1685	8.906	1.7541	9.7334	1.54832
14900	2.1771	4.1584	5.1628	1.1319	8.797	1.7548	9.7634	1.55106
15000	2.1989	4.1826	5.1671	1.1121	8.745	1.7530	9.7960	1.55414

S/R= 38.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-6.5952	-6.7306	2.8434	1.4007	0.856	1.0000	3.4862	1.00000
300	-6.1557	-6.1150	3.0198	1.3997	1.048	1.0000	3.4891	1.00000
400	-5.8422	-5.6765	3.1455	1.3952	1.208	1.0000	3.4952	1.00000
500	-5.5943	-5.3318	3.2440	1.3868	1.347	1.0000	3.5074	1.00000
600	-5.3869	-5.0452	3.3256	1.3759	1.469	1.0000	3.5270	1.00000
700	-5.2056	-4.7970	3.3955	1.3647	1.581	1.0000	3.5516	1.00000
800	-5.0443	-4.5776	3.4572	1.3544	1.683	1.0000	3.5817	1.00000
900	-4.8976	-4.3798	3.5121	1.3446	1.779	1.0000	3.6129	1.00000
1000	-4.7631	-4.1995	3.5619	1.3364	1.869	1.0000	3.6467	1.00000
1100	-4.6386	-4.0336	3.6071	1.3280	1.954	1.0000	3.6791	1.00000
1200	-4.5217	-3.8790	3.6488	1.3211	2.036	1.0000	3.7122	1.00000
1300	-4.4126	-3.7351	3.6874	1.3162	2.115	1.0000	3.7452	1.00000
1400	-4.3100	-3.6003	3.7234	1.3100	2.190	1.0000	3.7779	1.00000
1500	-4.2112	-3.4712	3.7572	1.3012	2.259	1.0000	3.8116	1.00005
1600	-4.1164	-3.3484	3.7893	1.2902	2.324	1.0002	3.8477	1.00015
1700	-4.0234	-3.2289	3.8203	1.2758	2.382	1.0004	3.8887	1.00042
1800	-3.9296	-3.1101	3.8506	1.2564	2.433	1.0010	3.9384	1.00099
1900	-3.8321	-2.9886	3.8812	1.2330	2.478	1.0021	4.0039	1.00210
2000	-3.7276	-2.8610	3.9129	1.2085	2.519	1.0040	4.0914	1.00403
2100	-3.6133	-2.7242	3.9460	1.1861	2.561	1.0071	4.2055	1.00708
2200	-3.4878	-2.5766	3.9809	1.1679	2.607	1.0115	4.3503	1.01150
2300	-3.3519	-2.4188	4.0170	1.1546	2.658	1.0173	4.5212	1.01732
2400	-3.2077	-2.2531	4.0536	1.1458	2.714	1.0245	4.7142	1.02448
2500	-3.0585	-2.0827	4.0900	1.1404	2.775	1.0328	4.9216	1.03278
2600	-2.9075	-1.9109	4.1255	1.1376	2.839	1.0420	5.1348	1.04199
2700	-2.7581	-1.7410	4.1594	1.1370	2.906	1.0518	5.3461	1.05179
2800	-2.6122	-1.5751	4.1916	1.1378	2.974	1.0620	5.5520	1.06198
2900	-2.4718	-1.4152	4.2218	1.1396	3.044	1.0723	5.7466	1.07234
3000	-2.3376	-1.2622	4.2500	1.1427	3.115	1.0826	5.9281	1.08263
3100	-2.2113	-1.1176	4.2762	1.1470	3.188	1.0928	6.0934	1.09277

S/R= 38.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3200	-2.0929	-0.9814	4.3004	1.1518	3.260	1.1026	6.2414	1.10262
3300	-1.9825	-0.8540	4.3228	1.1574	3.333	1.1121	6.3722	1.11203
3400	-1.8800	-0.7351	4.3435	1.1637	3.406	1.1210	6.4864	1.12098
3500	-1.7854	-0.6246	4.3625	1.1706	3.479	1.1294	6.5828	1.12936
3600	-1.6981	-0.5221	4.3800	1.1782	3.551	1.1372	6.6539	1.13715
3700	-1.6178	-0.4272	4.3962	1.1862	3.624	1.1443	6.7292	1.14431
3800	-1.5441	-0.3394	4.4111	1.1945	3.696	1.1509	6.7816	1.15083
3900	-1.4761	-0.2580	4.4249	1.2029	3.767	1.1568	6.8212	1.15674
4000	-1.4134	-0.1822	4.4377	1.2109	3.837	1.1621	6.8499	1.16208
4100	-1.3552	-0.1115	4.4498	1.2184	3.904	1.1669	6.8703	1.16686
4200	-1.3009	-0.0451	4.4610	1.2248	3.969	1.1713	6.8832	1.17117
4300	-1.2496	0.0178	4.4718	1.2299	4.031	1.1751	6.8914	1.17505
4400	-1.2010	0.0777	4.4820	1.2334	4.090	1.1787	6.8950	1.17858
4500	-1.1543	0.1354	4.4919	1.2353	4.145	1.1820	6.8972	1.18184
4600	-1.1091	0.1913	4.5015	1.2355	4.197	1.1850	6.8975	1.18488
4700	-1.0648	0.2459	4.5108	1.2342	4.245	1.1879	6.8983	1.18777
4800	-1.0212	0.2997	4.5201	1.2319	4.291	1.1907	6.9003	1.19056
4900	-0.9780	0.3529	4.5293	1.2218	4.322	1.1935	6.9044	1.19331
5000	-0.9326	0.4079	4.5389	1.2174	4.363	1.1960	6.9167	1.19579
5100	-0.8892	0.4609	4.5480	1.2193	4.415	1.1988	6.9256	1.19856
5200	-0.8457	0.5140	4.5572	1.2152	4.456	1.2016	6.9377	1.20139
5300	-0.8018	0.5671	4.5665	1.2105	4.495	1.2046	6.9531	1.20431
5400	-0.7575	0.6207	4.5757	1.2058	4.535	1.2076	6.9716	1.20734
5500	-0.7128	0.6745	4.5851	1.2017	4.575	1.2108	6.9935	1.21047
5600	-0.6677	0.7286	4.5944	1.1973	4.614	1.2141	7.0186	1.21375
5700	-0.6220	0.7832	4.6039	1.1938	4.655	1.2175	7.0466	1.21715
5800	-0.5761	0.8379	4.6133	1.1907	4.696	1.2211	7.0775	1.22069
5900	-0.5298	0.8930	4.6228	1.1876	4.737	1.2249	7.1115	1.22437
6000	-0.4832	0.9483	4.6323	1.1849	4.779	1.2287	7.1475	1.22818
6100	-0.4364	1.0036	4.6418	1.1829	4.823	1.2327	7.1856	1.23210
6200	-0.3898	1.0588	4.6513	1.1813	4.867	1.2368	7.2256	1.23615
6300	-0.3430	1.1140	4.6607	1.1795	4.911	1.2411	7.2675	1.24033
6400	-0.2962	1.1692	4.6701	1.1780	4.955	1.2454	7.3101	1.24458
6500	-0.2495	1.2241	4.6795	1.1772	5.001	1.2499	7.3543	1.24894
6600	-0.2030	1.2788	4.6888	1.1765	5.047	1.2545	7.3995	1.25341
6700	-0.1568	1.3332	4.6980	1.1754	5.092	1.2591	7.4453	1.25793
6800	-0.1107	1.3874	4.7071	1.1750	5.139	1.2639	7.4918	1.26252
6900	-0.0651	1.4410	4.7161	1.1747	5.186	1.2687	7.5386	1.26719
7000	-0.0196	1.4944	4.7251	1.1746	5.233	1.2736	7.5858	1.27191
7100	0.0252	1.5471	4.7340	1.1748	5.281	1.2785	7.6331	1.27670
7200	0.0699	1.5994	4.7427	1.1748	5.328	1.2835	7.6804	1.28150
7300	0.1137	1.6510	4.7513	1.1748	5.376	1.2886	7.7271	1.28634
7400	0.1575	1.7024	4.7599	1.1749	5.423	1.2937	7.7740	1.29121
7500	0.2005	1.7530	4.7683	1.1755	5.472	1.2988	7.8201	1.29607
7600	0.2431	1.8031	4.7766	1.1762	5.521	1.3040	7.8664	1.30098
7700	0.2850	1.8524	4.7848	1.1770	5.570	1.3093	7.9119	1.30589
7800	0.3265	1.9012	4.7928	1.1776	5.619	1.3145	7.9567	1.31079
7900	0.3674	1.9494	4.8008	1.1784	5.668	1.3198	8.0012	1.31572
8000	0.4078	1.9970	4.8086	1.1791	5.717	1.3252	8.0455	1.32064
8100	0.4476	2.0439	4.8164	1.1800	5.767	1.3305	8.0888	1.32553
8200	0.4868	2.0902	4.8240	1.1810	5.816	1.3359	8.1315	1.33043
8300	0.5254	2.1358	4.8315	1.1820	5.866	1.3412	8.1732	1.33529
8400	0.5635	2.1809	4.8389	1.1830	5.916	1.3467	8.2145	1.34015
8500	0.6011	2.2254	4.8462	1.1839	5.965	1.3521	8.2553	1.34499
8600	0.6381	2.2692	4.8533	1.1853	6.015	1.3576	8.2948	1.34978

S/R= 38.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8700	0.6744	2.3123	4.8603	1.1869	6.067	1.3630	8.3335	1.35454
8800	0.7101	2.3547	4.8673	1.1881	6.117	1.3685	8.3719	1.35929
8900	0.7455	2.3967	4.8742	1.1893	6.167	1.3740	8.4098	1.36401
9000	0.7802	2.4380	4.8809	1.1907	6.218	1.3796	8.4465	1.36868
9100	0.8144	2.4785	4.8876	1.1922	6.269	1.3852	8.4829	1.37335
9200	0.8481	2.5190	4.8941	1.1938	6.320	1.3907	8.5182	1.37796
9300	0.8811	2.5584	4.9005	1.1954	6.371	1.3963	8.5524	1.38250
9400	0.9137	2.5974	4.9069	1.1969	6.422	1.4019	8.5865	1.38703
9500	0.9459	2.6359	4.9132	1.1984	6.474	1.4076	8.6201	1.39153
9600	0.9775	2.6739	4.9194	1.2006	6.527	1.4133	8.6527	1.39598
9700	1.0085	2.7111	4.9255	1.2023	6.579	1.4190	8.6846	1.40037
9800	1.0391	2.7479	4.9315	1.2038	6.630	1.4248	8.7160	1.40475
9900	1.0692	2.7842	4.9375	1.2059	6.683	1.4306	8.7465	1.40905
10000	1.0988	2.8199	4.9433	1.2077	6.735	1.4363	8.7759	1.41328
10100	1.1280	2.8552	4.9491	1.2098	6.788	1.4422	8.8053	1.41748
10200	1.1566	2.8898	4.9548	1.2122	6.843	1.4481	8.8338	1.42164
10300	1.1849	2.9242	4.9604	1.2140	6.895	1.4541	8.8622	1.42578
10400	1.2127	2.9580	4.9659	1.2162	6.949	1.4600	8.8899	1.42984
10500	1.2399	2.9911	4.9714	1.2181	7.002	1.4660	8.9166	1.43386
10600	1.2670	3.0240	4.9768	1.2202	7.056	1.4721	8.9432	1.43784
10700	1.2934	3.0564	4.9821	1.2229	7.112	1.4782	8.9691	1.44176
10800	1.3195	3.0883	4.9874	1.2253	7.167	1.4843	8.9941	1.44558
10900	1.3452	3.1199	4.9926	1.2279	7.223	1.4906	9.0193	1.44942
11000	1.3705	3.1510	4.9977	1.2304	7.279	1.4969	9.0437	1.45319
11100	1.3954	3.1816	5.0028	1.2328	7.334	1.5032	9.0674	1.45687
11200	1.4199	3.2118	5.0079	1.2352	7.390	1.5096	9.0913	1.46057
11300	1.4439	3.2415	5.0128	1.2379	7.447	1.5159	9.1136	1.46413
11400	1.4676	3.2709	5.0177	1.2398	7.501	1.5224	9.1362	1.46769
11500	1.4912	3.3001	5.0225	1.2431	7.560	1.5290	9.1586	1.47121
11600	1.5141	3.3287	5.0273	1.2461	7.619	1.5355	9.1802	1.47464
11700	1.5368	3.3570	5.0320	1.2484	7.675	1.5422	9.2014	1.47802
11800	1.5592	3.3849	5.0367	1.2517	7.735	1.5490	9.2226	1.48137
11900	1.5813	3.4127	5.0414	1.2545	7.793	1.5558	9.2438	1.48470
12000	1.6029	3.4398	5.0460	1.2568	7.850	1.5627	9.2638	1.48790
12100	1.6243	3.4667	5.0505	1.2590	7.907	1.5695	9.2839	1.49109
12200	1.6453	3.4933	5.0550	1.2616	7.966	1.5765	9.3036	1.49423
12300	1.6663	3.5197	5.0595	1.2647	8.026	1.5836	9.3234	1.49734
12400	1.6867	3.5455	5.0639	1.2679	8.087	1.5906	9.3423	1.50034
12500	1.7069	3.5712	5.0683	1.2703	8.145	1.5978	9.3615	1.50333
12600	1.7269	3.5966	5.0726	1.2738	8.208	1.6051	9.3804	1.50627
12700	1.7465	3.6216	5.0769	1.2766	8.268	1.6124	9.3991	1.50915
12800	1.7659	3.6463	5.0811	1.2783	8.325	1.6197	9.4173	1.51194
12900	1.7851	3.6710	5.0854	1.2808	8.384	1.6271	9.4359	1.51472
13000	1.8040	3.6952	5.0896	1.2833	8.445	1.6346	9.4544	1.51747
13100	1.8227	3.7193	5.0937	1.2852	8.503	1.6421	9.4723	1.52014
13200	1.8412	3.7430	5.0978	1.2879	8.564	1.6496	9.4900	1.52274
13300	1.8594	3.7665	5.1019	1.2895	8.621	1.6572	9.5079	1.52533
13400	1.8775	3.7899	5.1060	1.2922	8.682	1.6649	9.5255	1.52785
13500	1.8953	3.8129	5.1101	1.2937	8.740	1.6726	9.5437	1.53044
13600	1.9131	3.8359	5.1141	1.2933	8.791	1.6803	9.5615	1.53287
13700	1.9307	3.8586	5.1181	1.2942	8.847	1.6880	9.5798	1.53528
13800	1.9481	3.8811	5.1221	1.2930	8.895	1.6956	9.5980	1.53762
13900	1.9655	3.9037	5.1260	1.2914	8.942	1.7033	9.6168	1.53995
14000	1.9828	3.9259	5.1300	1.2896	8.987	1.7108	9.6353	1.54220
14100	2.0000	3.9482	5.1340	1.2863	9.027	1.7182	9.6545	1.54446

S/R= 38.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14200	2.0173	3.9703	5.1379	1.2804	9.057	1.7255	9.6743	1.54670
14300	2.0346	3.9924	5.1418	1.2732	9.082	1.7324	9.6941	1.54886
14400	2.0520	4.0145	5.1458	1.2643	9.099	1.7390	9.7147	1.55106
14500	2.0695	4.0365	5.1497	1.2517	9.101	1.7452	9.7360	1.55324
14600	2.0872	4.0587	5.1537	1.2357	9.088	1.7507	9.7582	1.55544
14700	2.1055	4.0811	5.1577	1.2153	9.056	1.7554	9.7820	1.55776
14800	2.1242	4.1036	5.1618	1.1897	8.999	1.7590	9.8067	1.56015
14900	2.1437	4.1265	5.1659	1.1570	8.910	1.7611	9.8341	1.56278
15000	2.1644	4.1500	5.1701	1.1391	8.870	1.7609	9.8638	1.56566

S/R= 38.2

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-6.6820	-6.8174	2.8434	1.4008	0.856	1.0000	3.4862	1.00000
300	-6.2426	-6.2019	3.0198	1.3999	1.048	1.0000	3.4891	1.00000
400	-5.9291	-5.7635	3.1455	1.3951	1.208	1.0000	3.4952	1.00000
500	-5.6811	-5.4186	3.2440	1.3867	1.347	1.0000	3.5074	1.00000
600	-5.4737	-5.1320	3.3256	1.3761	1.469	1.0000	3.5270	1.00000
700	-5.2926	-4.8839	3.3955	1.3648	1.581	1.0000	3.5515	1.00000
800	-5.1313	-4.6646	3.4572	1.3541	1.683	1.0000	3.5817	1.00000
900	-4.9844	-4.4665	3.5121	1.3443	1.779	1.0000	3.6129	1.00000
1000	-4.8499	-4.2863	3.5619	1.3364	1.859	1.0000	3.6467	1.00000
1100	-4.7254	-4.1204	3.6071	1.3283	1.955	1.0000	3.6791	1.00000
1200	-4.6087	-3.9659	3.6488	1.3213	2.036	1.0000	3.7122	1.00000
1300	-4.4996	-3.8220	3.6874	1.3162	2.115	1.0000	3.7452	1.00000
1400	-4.3970	-3.6872	3.7234	1.3098	2.190	1.0000	3.7779	1.00000
1500	-4.2980	-3.5580	3.7572	1.3007	2.259	1.0001	3.8118	1.00005
1600	-4.2030	-3.4349	3.7894	1.2894	2.323	1.0002	3.8484	1.00017
1700	-4.1095	-3.3150	3.8204	1.2742	2.381	1.0005	3.8902	1.00046
1800	-4.0150	-3.1954	3.8510	1.2537	2.431	1.0011	3.9418	1.00109
1900	-3.9159	-3.0723	3.8820	1.2293	2.474	1.0023	4.0107	1.00231
2000	-3.8091	-2.9423	3.9142	1.2042	2.515	1.0044	4.1034	1.00442
2100	-3.6916	-2.8022	3.9480	1.1818	2.557	1.0077	4.2247	1.00774
2200	-3.5622	-2.6506	3.9837	1.1640	2.604	1.0125	4.3779	1.01249
2300	-3.4221	-2.4884	4.0205	1.1513	2.656	1.0187	4.5581	1.01871
2400	-3.2737	-2.3184	4.0578	1.1431	2.713	1.0263	4.7600	1.02628
2500	-3.1208	-2.1441	4.0948	1.1382	2.775	1.0350	4.9754	1.03499
2600	-2.9666	-1.9689	4.1306	1.1359	2.840	1.0446	5.1954	1.04458
2700	-2.8146	-1.7962	4.1647	1.1356	2.908	1.0547	5.4121	1.05473
2800	-2.6666	-1.6282	4.1970	1.1367	2.978	1.0652	5.6220	1.06522
2900	-2.5247	-1.4667	4.2273	1.1389	3.048	1.0758	5.8192	1.07583
3000	-2.3895	-1.3126	4.2554	1.1423	3.120	1.0863	6.0023	1.08633
3100	-2.2626	-1.1674	4.2815	1.1469	3.193	1.0966	6.1680	1.09663
3200	-2.1440	-1.0310	4.3056	1.1520	3.266	1.1066	6.3154	1.10659
3300	-2.0338	-0.9037	4.3277	1.1579	3.339	1.1161	6.4448	1.11607
3400	-1.9317	-0.7852	4.3482	1.1645	3.413	1.1251	6.5568	1.12503
3500	-1.8378	-0.6755	4.3669	1.1718	3.487	1.1334	6.6503	1.13339
3600	-1.7514	-0.5739	4.3842	1.1797	3.560	1.1411	6.7281	1.14111
3700	-1.6722	-0.4801	4.4000	1.1882	3.633	1.1482	6.7895	1.14817
3800	-1.5995	-0.3935	4.4147	1.1968	3.705	1.1546	6.8380	1.15456
3900	-1.5328	-0.3133	4.4283	1.2055	3.777	1.1604	6.8737	1.16032
4000	-1.4712	-0.2387	4.4408	1.2137	3.847	1.1655	6.8985	1.16549
4100	-1.4140	-0.1691	4.4526	1.2210	3.914	1.1702	6.9152	1.17010
4200	-1.3606	-0.1037	4.4637	1.2273	3.979	1.1743	6.9249	1.17425
4300	-1.3102	-0.0417	4.4742	1.2320	4.040	1.1780	6.9303	1.17797

S/R= 38.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4400	-1.2621	0.0175	4.4843	1.2349	4.097	1.1815	6.9316	1.18136
4500	-1.2158	0.0748	4.4941	1.2360	4.151	1.1846	6.9322	1.18451
4600	-1.1709	0.1304	4.5036	1.2355	4.201	1.1876	6.9314	1.18745
4700	-1.1267	0.1849	4.5129	1.2336	4.248	1.1904	6.9315	1.19027
4800	-1.0830	0.2388	4.5222	1.2305	4.293	1.1932	6.9333	1.19302
4900	-1.0394	0.2923	4.5314	1.2200	4.324	1.1959	6.9377	1.19576
5000	-0.9937	0.3478	4.5410	1.2152	4.364	1.1984	6.9509	1.19826
5100	-0.9497	0.4013	4.5502	1.2166	4.415	1.2012	6.9609	1.20105
5200	-0.9055	0.4550	4.5595	1.2122	4.455	1.2042	6.9744	1.20394
5300	-0.8609	0.5090	4.5689	1.2073	4.494	1.2072	6.9915	1.20692
5400	-0.8158	0.5634	4.5782	1.2026	4.534	1.2103	7.0121	1.21004
5500	-0.7702	0.6181	4.5877	1.1985	4.574	1.2136	7.0361	1.21327
5600	-0.7241	0.6732	4.5972	1.1941	4.613	1.2170	7.0634	1.21667
5700	-0.6775	0.7288	4.6068	1.1907	4.654	1.2205	7.0938	1.22019
5800	-0.6306	0.7845	4.6164	1.1876	4.696	1.2243	7.1273	1.22387
5900	-0.5833	0.8407	4.6260	1.1846	4.738	1.2281	7.1636	1.22769
6000	-0.5357	0.8969	4.6356	1.1820	4.780	1.2321	7.2020	1.23165
6100	-0.4880	0.9533	4.6452	1.1802	4.824	1.2363	7.2426	1.23572
6200	-0.4403	1.0095	4.6548	1.1787	4.869	1.2406	7.2851	1.23993
6300	-0.3926	1.0657	4.6644	1.1770	4.913	1.2450	7.3292	1.24426
6400	-0.3449	1.1219	4.6739	1.1757	4.958	1.2494	7.3742	1.24867
6500	-0.2973	1.1777	4.6834	1.1749	5.004	1.2541	7.4207	1.25320
6600	-0.2500	1.2334	4.6928	1.1743	5.051	1.2588	7.4681	1.25783
6700	-0.2030	1.2885	4.7020	1.1734	5.097	1.2636	7.5157	1.26251
6800	-0.1560	1.3436	4.7113	1.1730	5.144	1.2685	7.5642	1.26726
6900	-0.1097	1.3980	4.7204	1.1728	5.191	1.2734	7.6129	1.27209
7000	-0.0634	1.4522	4.7294	1.1728	5.239	1.2785	7.6619	1.27697
7100	-0.0179	1.5056	4.7384	1.1731	5.287	1.2836	7.7109	1.28191
7200	0.0273	1.5586	4.7472	1.1731	5.335	1.2887	7.7597	1.28685
7300	0.0719	1.6110	4.7559	1.1731	5.383	1.2939	7.8080	1.29185
7400	0.1162	1.6630	4.7645	1.1733	5.431	1.2991	7.8563	1.29687
7500	0.1599	1.7142	4.7729	1.1741	5.480	1.3044	7.9039	1.30187
7600	0.2030	1.7649	4.7813	1.1748	5.530	1.3097	7.9514	1.30692
7700	0.2454	1.8147	4.7895	1.1756	5.579	1.3151	7.9980	1.31196
7800	0.2874	1.8641	4.7976	1.1762	5.628	1.3204	8.0440	1.31700
7900	0.3288	1.9128	4.8056	1.1770	5.678	1.3258	8.0896	1.32207
8000	0.3696	1.9609	4.8134	1.1778	5.727	1.3313	8.1349	1.32712
8100	0.4098	2.0082	4.8212	1.1787	5.777	1.3367	8.1790	1.33214
8200	0.4495	2.0550	4.8288	1.1797	5.827	1.3422	8.2228	1.33716
8300	0.4885	2.1010	4.8363	1.1807	5.877	1.3476	8.2652	1.34215
8400	0.5269	2.1464	4.8437	1.1817	5.927	1.3532	8.3073	1.34713
8500	0.5649	2.1912	4.8510	1.1827	5.976	1.3587	8.3488	1.35209
8600	0.6022	2.2354	4.8582	1.1841	6.027	1.3642	8.3891	1.35700
8700	0.6388	2.2788	4.8653	1.1857	6.078	1.3697	8.4284	1.36187
8800	0.6749	2.3216	4.8722	1.1868	6.129	1.3753	8.4673	1.36674
8900	0.7105	2.3639	4.8791	1.1879	6.179	1.3809	8.5056	1.37157
9000	0.7455	2.4055	4.8858	1.1895	6.230	1.3865	8.5428	1.37635
9100	0.7800	2.4466	4.8925	1.1910	6.281	1.3921	8.5797	1.38113
9200	0.8139	2.4870	4.8991	1.1925	6.333	1.3977	8.6155	1.38584
9300	0.8472	2.5267	4.9055	1.1940	6.384	1.4033	8.6501	1.39048
9400	0.8800	2.5659	4.9119	1.1954	6.434	1.4090	8.6844	1.39512
9500	0.9124	2.6046	4.9182	1.1970	6.486	1.4147	8.7183	1.39972
9600	0.9442	2.6428	4.9243	1.1993	6.540	1.4204	8.7512	1.40426
9700	0.9754	2.6802	4.9304	1.2011	6.592	1.4262	8.7832	1.40876
9800	1.0062	2.7172	4.9365	1.2025	6.643	1.4320	8.8151	1.41323

S/R= 38.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9900	1.0365	2.7537	4.9424	1.2043	6.695	1.4377	8.8457	1.41767
10000	1.0662	2.7895	4.9482	1.2060	6.747	1.4435	8.8753	1.42195
10100	1.0956	2.8249	4.9539	1.2081	6.800	1.4493	8.9046	1.42624
10200	1.1244	2.8598	4.9595	1.2105	6.855	1.4552	8.9333	1.43049
10300	1.1528	2.8942	4.9652	1.2124	6.908	1.4612	8.9618	1.43472
10400	1.1808	2.9282	4.9708	1.2148	6.962	1.4671	8.9895	1.43887
10500	1.2082	2.9615	4.9762	1.2165	7.015	1.4731	9.0163	1.44297
10600	1.2353	2.9945	4.9816	1.2182	7.067	1.4791	9.0428	1.44703
10700	1.2620	3.0270	4.9869	1.2207	7.122	1.4852	9.0687	1.45103
10800	1.2882	3.0590	4.9922	1.2231	7.177	1.4913	9.0936	1.45495
10900	1.3140	3.0906	4.9974	1.2257	7.233	1.4974	9.1186	1.45887
11000	1.3394	3.1218	5.0025	1.2282	7.288	1.5036	9.1430	1.46272
11100	1.3644	3.1525	5.0075	1.2308	7.345	1.5099	9.1665	1.46647
11200	1.3890	3.1829	5.0126	1.2334	7.401	1.5163	9.1904	1.47025
11300	1.4131	3.2126	5.0175	1.2356	7.456	1.5225	9.2127	1.47389
11400	1.4369	3.2421	5.0223	1.2372	7.509	1.5289	9.2349	1.47752
11500	1.4606	3.2714	5.0272	1.2403	7.567	1.5354	9.2572	1.48112
11600	1.4836	3.2999	5.0319	1.2432	7.625	1.5418	9.2784	1.48463
11700	1.5065	3.3284	5.0366	1.2456	7.682	1.5484	9.2994	1.48800
11800	1.5289	3.3563	5.0413	1.2487	7.740	1.5550	9.3202	1.49152
11900	1.5511	3.3841	5.0460	1.2516	7.799	1.5617	9.3412	1.49492
12000	1.5727	3.4112	5.0505	1.2544	7.857	1.5684	9.3610	1.49819
12100	1.5942	3.4382	5.0550	1.2565	7.914	1.5752	9.3809	1.50146
12200	1.6154	3.4648	5.0595	1.2585	7.970	1.5821	9.4002	1.50466
12300	1.6364	3.4912	5.0639	1.2614	8.029	1.5890	9.4197	1.50785
12400	1.6568	3.5171	5.0683	1.2644	8.089	1.5959	9.4381	1.51092
12500	1.6772	3.5428	5.0727	1.2667	8.147	1.6029	9.4569	1.51399
12600	1.6972	3.5682	5.0770	1.2702	8.209	1.6100	9.4754	1.51699
12700	1.7168	3.5932	5.0812	1.2731	8.269	1.6171	9.4935	1.51995
12800	1.7363	3.6180	5.0855	1.2747	8.325	1.6242	9.5114	1.52281
12900	1.7556	3.6426	5.0897	1.2772	8.384	1.6315	9.5294	1.52566
13000	1.7746	3.6669	5.0938	1.2800	8.444	1.6388	9.5475	1.52848
13100	1.7933	3.6909	5.0980	1.2818	8.502	1.6462	9.5652	1.53122
13200	1.8118	3.7147	5.1020	1.2843	8.562	1.6535	9.5823	1.53389
13300	1.8301	3.7381	5.1061	1.2860	8.619	1.6609	9.5995	1.53654
13400	1.8482	3.7615	5.1101	1.2889	8.680	1.6683	9.6167	1.53914
13500	1.8660	3.7845	5.1141	1.2907	8.738	1.6759	9.6341	1.54178
13600	1.8838	3.8074	5.1181	1.2907	8.790	1.6834	9.6512	1.54428
13700	1.9014	3.8301	5.1221	1.2920	8.847	1.6909	9.6687	1.54677
13800	1.9187	3.8525	5.1260	1.2914	8.897	1.6984	9.6860	1.54917
13900	1.9362	3.8750	5.1300	1.2906	8.946	1.7060	9.7039	1.55156
14000	1.9533	3.8971	5.1339	1.2900	8.995	1.7133	9.7215	1.55387
14100	1.9704	3.9192	5.1378	1.2877	9.039	1.7207	9.7398	1.55619
14200	1.9876	3.9412	5.1417	1.2831	9.073	1.7280	9.7586	1.55849
14300	2.0047	3.9632	5.1456	1.2778	9.105	1.7350	9.7772	1.56070
14400	2.0218	3.9850	5.1494	1.2710	9.130	1.7417	9.7966	1.56293
14500	2.0391	4.0068	5.1533	1.2608	9.142	1.7481	9.8164	1.56515
14600	2.0565	4.0287	5.1572	1.2475	9.140	1.7540	9.8370	1.56736
14700	2.0743	4.0508	5.1612	1.2307	9.123	1.7593	9.8592	1.56967
14800	2.0923	4.0729	5.1651	1.2091	9.084	1.7636	9.8819	1.57201
14900	2.1111	4.0953	5.1691	1.1807	9.016	1.7668	9.9071	1.57454
15000	2.1308	4.1182	5.1732	1.1649	8.988	1.7682	9.9341	1.57727

S/R= 38.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-6.7687	-6.9041	2.8434	1.4010	0.856	1.0000	3.4862	1.00000
300	-6.3296	-6.2888	3.0198	1.4000	1.048	1.0000	3.4891	1.00000
400	-6.0160	-5.8504	3.1455	1.3950	1.208	1.0000	3.4952	1.00000
500	-5.7679	-5.5053	3.2440	1.3865	1.346	1.0000	3.5074	1.00000
600	-5.5605	-5.2188	3.3256	1.3763	1.470	1.0000	3.5270	1.00000
700	-5.3796	-4.9709	3.3955	1.3650	1.581	1.0000	3.5516	1.00000
800	-5.2182	-4.7515	3.4572	1.3541	1.693	1.0000	3.5817	1.00000
900	-5.0713	-4.5535	3.5121	1.3442	1.779	1.0000	3.6129	1.00000
1000	-4.9366	-4.3730	3.5519	1.3363	1.869	1.0000	3.6467	1.00000
1100	-4.8122	-4.2072	3.5071	1.3283	1.955	1.0000	3.6791	1.00000
1200	-4.6954	-4.0527	3.6488	1.3214	2.036	1.0000	3.7122	1.00000
1300	-4.5865	-3.9090	3.6874	1.3162	2.115	1.0000	3.7452	1.00000
1400	-4.4838	-3.7740	3.7234	1.3095	2.190	1.0000	3.7779	1.00000
1500	-4.3847	-3.6448	3.7572	1.3004	2.259	1.0001	3.8120	1.00006
1600	-4.2895	-3.5215	3.7895	1.2885	2.322	1.0002	3.8490	1.00019
1700	-4.1956	-3.4011	3.8205	1.2723	2.379	1.0005	3.8920	1.00051
1800	-4.1001	-3.2805	3.8514	1.2508	2.428	1.0012	3.9456	1.00119
1900	-3.9995	-3.1558	3.8828	1.2254	2.471	1.0025	4.0182	1.00254
2000	-3.8901	-3.0231	3.9156	1.1998	2.511	1.0048	4.1164	1.00485
2100	-3.7692	-2.8794	3.9501	1.1775	2.554	1.0084	4.2453	1.00845
2200	-3.6357	-2.7236	3.9866	1.1602	2.601	1.0136	4.4075	1.01356
2300	-3.4912	-2.5570	4.0242	1.1482	2.654	1.0202	4.5972	1.02018
2400	-3.3388	-2.3825	4.0622	1.1405	2.713	1.0282	4.8081	1.02817
2500	-3.1821	-2.2044	4.0996	1.1362	2.776	1.0373	5.0315	1.03729
2600	-3.0248	-2.0259	4.1358	1.1343	2.842	1.0473	5.2581	1.04726
2700	-2.8702	-1.8506	4.1701	1.1344	2.911	1.0577	5.4799	1.05774
2800	-2.7203	-1.6805	4.2025	1.1359	2.981	1.0685	5.6935	1.06853
2900	-2.5770	-1.5175	4.2327	1.1383	3.052	1.0794	5.8931	1.07938
3000	-2.4409	-1.3624	4.2608	1.1420	3.125	1.0901	6.0773	1.09008
3100	-2.3136	-1.2167	4.2868	1.1468	3.199	1.1005	6.2431	1.10052
3200	-2.1948	-1.0803	4.3106	1.1522	3.272	1.1106	6.3896	1.11058
3300	-2.0849	-0.9533	4.3326	1.1584	3.346	1.1201	6.5172	1.12011
3400	-1.9834	-0.8354	4.3528	1.1655	3.421	1.1291	6.6267	1.12906
3500	-1.8903	-0.7265	4.3712	1.1732	3.495	1.1374	6.7169	1.13738
3600	-1.8049	-0.6259	4.3882	1.1815	3.569	1.1450	6.7911	1.14501
3700	-1.7269	-0.5334	4.4038	1.1904	3.642	1.1520	6.8485	1.15194
3800	-1.6554	-0.4480	4.4182	1.1993	3.715	1.1582	6.8928	1.15818
3900	-1.5898	-0.3690	4.4314	1.2082	3.787	1.1638	6.9244	1.16378
4000	-1.5294	-0.2958	4.4437	1.2165	3.857	1.1688	6.9451	1.16876
4100	-1.4733	-0.2273	4.4553	1.2237	3.923	1.1733	6.9582	1.17320
4200	-1.4208	-0.1628	4.4662	1.2296	3.987	1.1772	6.9648	1.17718
4300	-1.3711	-0.1016	4.4765	1.2339	4.048	1.1808	6.9675	1.18075
4400	-1.3237	-0.0430	4.4865	1.2362	4.104	1.1841	6.9667	1.18401
4500	-1.2777	0.0138	4.4962	1.2365	4.156	1.1871	6.9657	1.18704
4600	-1.2329	0.0693	4.5055	1.2353	4.205	1.1900	6.9640	1.18990
4700	-1.1887	0.1238	4.5149	1.2326	4.251	1.1928	6.9637	1.19266
4800	-1.1448	0.1778	4.5242	1.2289	4.294	1.1955	6.9655	1.19538
4900	-1.1009	0.2317	4.5335	1.2179	4.324	1.1982	6.9706	1.19811
5000	-1.0546	0.2877	4.5431	1.2127	4.363	1.2008	6.9849	1.20065
5100	-1.0101	0.3419	4.5524	1.2137	4.414	1.2036	6.9963	1.20348
5200	-0.9651	0.3963	4.5618	1.2091	4.454	1.2066	7.0115	1.20643
5300	-0.9197	0.4511	4.5713	1.2041	4.493	1.2097	7.0305	1.20950
5400	-0.8727	0.5064	4.5808	1.1993	4.532	1.2129	7.0532	1.21271
5500	-0.8272	0.5621	4.5904	1.1952	4.573	1.2163	7.0796	1.21606
5600	-0.7801	0.6183	4.6000	1.1910	4.612	1.2199	7.1092	1.21958



S/R= 38.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5700	-0.7324	0.5749	4.6097	1.1875	4.654	1.2235	7.1422	1.22323
5800	-0.6845	0.7317	4.6194	1.1846	4.696	1.2274	7.1782	1.22706
5900	-0.6362	0.7889	4.6292	1.1817	4.738	1.2314	7.2171	1.23103
6000	-0.5876	0.8462	4.6390	1.1793	4.781	1.2356	7.2580	1.23513
6100	-0.5389	0.9037	4.6487	1.1775	4.826	1.2399	7.3011	1.23937
6200	-0.4902	0.9609	4.6585	1.1762	4.871	1.2443	7.3461	1.24375
6300	-0.4415	1.0182	4.6681	1.1746	4.916	1.2489	7.3926	1.24824
6400	-0.3929	1.0752	4.6777	1.1734	4.961	1.2535	7.4399	1.25281
6500	-0.3445	1.1321	4.6873	1.1727	5.008	1.2583	7.4886	1.25750
6600	-0.2962	1.1886	4.6968	1.1722	5.055	1.2632	7.5382	1.26230
6700	-0.2484	1.2447	4.7062	1.1715	5.102	1.2681	7.5879	1.26714
6800	-0.2007	1.3006	4.7155	1.1711	5.149	1.2731	7.6383	1.27205
6900	-0.1535	1.3558	4.7247	1.1709	5.197	1.2783	7.6887	1.27703
7000	-0.1066	1.4108	4.7338	1.1710	5.245	1.2834	7.7396	1.28207
7100	-0.0604	1.4649	4.7428	1.1714	5.294	1.2887	7.7903	1.28717
7200	-0.0145	1.5186	4.7517	1.1716	5.342	1.2940	7.8406	1.29226
7300	0.0307	1.5716	4.7604	1.1716	5.391	1.2993	7.8904	1.29740
7400	0.0757	1.6242	4.7691	1.1718	5.439	1.3047	7.9402	1.30257
7500	0.1199	1.6761	4.7776	1.1726	5.489	1.3100	7.9891	1.30772
7600	0.1636	1.7273	4.7860	1.1735	5.539	1.3155	8.0378	1.31291
7700	0.2065	1.7777	4.7942	1.1742	5.589	1.3209	8.0856	1.31810
7800	0.2489	1.8276	4.8023	1.1748	5.638	1.3264	8.1327	1.32327
7900	0.2908	1.8768	4.8104	1.1757	5.688	1.3319	8.1794	1.32847
8000	0.3321	1.9253	4.8183	1.1766	5.738	1.3375	8.2257	1.33365
8100	0.3727	1.9731	4.8260	1.1776	5.788	1.3430	8.2708	1.33880
8200	0.4127	2.0203	4.8337	1.1785	5.838	1.3486	8.3153	1.34395
8300	0.4521	2.0667	4.8412	1.1795	5.888	1.3541	8.3585	1.34906
8400	0.4909	2.1125	4.8486	1.1805	5.938	1.3597	8.4013	1.35416
8500	0.5292	2.1577	4.8559	1.1815	5.988	1.3654	8.4435	1.35924
8600	0.5668	2.2022	4.8631	1.1830	6.039	1.3710	8.4845	1.36427
8700	0.6038	2.2459	4.8702	1.1846	6.091	1.3765	8.5244	1.36925
8800	0.6401	2.2890	4.8772	1.1856	6.141	1.3822	8.5638	1.37423
8900	0.6760	2.3316	4.8840	1.1867	6.191	1.3878	8.6027	1.37917
9000	0.7113	2.3735	4.8908	1.1883	6.243	1.3935	8.6403	1.38406
9100	0.7460	2.4148	4.8974	1.1899	6.294	1.3992	8.6777	1.38895
9200	0.7802	2.4554	4.9040	1.1915	6.346	1.4048	8.7138	1.39377
9300	0.8137	2.4954	4.9104	1.1928	6.397	1.4105	8.7488	1.39851
9400	0.8467	2.5348	4.9168	1.1941	6.447	1.4162	8.7834	1.40325
9500	0.8793	2.5738	4.9231	1.1957	6.499	1.4219	8.8176	1.40795
9600	0.9114	2.6121	4.9292	1.1979	6.552	1.4277	8.8507	1.41259
9700	0.9427	2.6497	4.9353	1.1997	6.605	1.4334	8.8830	1.41718
9800	0.9737	2.6869	4.9413	1.2014	6.657	1.4392	8.9150	1.42174
9900	1.0042	2.7235	4.9473	1.2031	6.709	1.4450	8.9457	1.42622
10000	1.0341	2.7595	4.9531	1.2044	6.760	1.4508	8.9755	1.43064
10100	1.0636	2.7951	4.9588	1.2065	6.813	1.4566	9.0050	1.43503
10200	1.0926	2.8301	4.9645	1.2088	6.867	1.4625	9.0337	1.43936
10300	1.1212	2.8647	4.9701	1.2107	6.920	1.4684	9.0622	1.44368
10400	1.1493	2.8988	4.9756	1.2133	6.975	1.4744	9.0899	1.44792
10500	1.1768	2.9322	4.9810	1.2152	7.028	1.4803	9.1167	1.45210
10600	1.2041	2.9653	4.9864	1.2167	7.080	1.4863	9.1433	1.45624
10700	1.2308	2.9979	4.9917	1.2188	7.134	1.4924	9.1592	1.46033
10800	1.2571	3.0300	4.9969	1.2211	7.188	1.4984	9.1939	1.46432
10900	1.2831	3.0618	5.0021	1.2236	7.244	1.5045	9.2183	1.46832
11000	1.3086	3.0930	5.0072	1.2260	7.299	1.5106	9.2430	1.47225
11100	1.3337	3.1238	5.0122	1.2287	7.355	1.5168	9.2664	1.47609

S/R= 38.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11200	1.3584	3.1542	5.0172	1.2314	7.412	1.5231	9.2901	1.47995
11300	1.3826	3.1841	5.0221	1.2340	7.467	1.5293	9.3123	1.48366
11400	1.4065	3.2136	5.0270	1.2352	7.520	1.5356	9.3345	1.48737
11500	1.4303	3.2429	5.0318	1.2378	7.576	1.5420	9.3565	1.49105
11600	1.4534	3.2716	5.0365	1.2407	7.634	1.5484	9.3774	1.49463
11700	1.4763	3.3000	5.0412	1.2429	7.689	1.5548	9.3982	1.49816
11800	1.4988	3.3280	5.0459	1.2458	7.747	1.5613	9.4187	1.50166
11900	1.5211	3.3558	5.0505	1.2488	7.806	1.5679	9.4393	1.50513
12000	1.5428	3.3830	5.0550	1.2516	7.864	1.5745	9.4588	1.50848
12100	1.5644	3.4100	5.0595	1.2540	7.921	1.5812	9.4783	1.51182
12200	1.5856	3.4366	5.0640	1.2562	7.977	1.5879	9.4975	1.51509
12300	1.6067	3.4631	5.0684	1.2586	8.035	1.5948	9.5167	1.51835
12400	1.6272	3.4890	5.0727	1.2612	8.093	1.6015	9.5348	1.52149
12500	1.6476	3.5147	5.0771	1.2634	8.150	1.6083	9.5531	1.52463
12600	1.6677	3.5401	5.0813	1.2668	8.211	1.6152	9.5711	1.52770
12700	1.6874	3.5651	5.0856	1.2696	8.270	1.6222	9.5888	1.53073
12800	1.7069	3.5899	5.0898	1.2713	8.326	1.6292	9.6061	1.53366
12900	1.7262	3.6145	5.0939	1.2739	8.385	1.6362	9.6235	1.53658
13000	1.7452	3.6388	5.0981	1.2765	8.445	1.6434	9.6412	1.53947
13100	1.7641	3.6628	5.1022	1.2784	8.502	1.6506	9.6583	1.54228
13200	1.7826	3.6866	5.1062	1.2811	8.562	1.6577	9.6751	1.54501
13300	1.8009	3.7100	5.1103	1.2827	8.618	1.6649	9.6920	1.54774
13400	1.8191	3.7333	5.1143	1.2853	8.678	1.6722	9.7087	1.55040
13500	1.8369	3.7563	5.1182	1.2875	8.737	1.6796	9.7253	1.55310
13600	1.8547	3.7792	5.1222	1.2879	8.790	1.6869	9.7418	1.55566
13700	1.8722	3.8018	5.1261	1.2895	8.847	1.6943	9.7585	1.55822
13800	1.8896	3.8242	5.1300	1.2895	8.898	1.7016	9.7751	1.56068
13900	1.9070	3.8466	5.1339	1.2894	8.950	1.7090	9.7922	1.56314
14000	1.9240	3.8686	5.1378	1.2897	9.002	1.7162	9.8090	1.56551
14100	1.9411	3.8906	5.1416	1.2882	9.048	1.7235	9.8263	1.56789
14200	1.9581	3.9125	5.1455	1.2848	9.087	1.7307	9.8439	1.57025
14300	1.9751	3.9343	5.1493	1.2810	9.124	1.7378	9.8616	1.57251
14400	1.9921	3.9560	5.1531	1.2762	9.156	1.7446	9.8799	1.57479
14500	2.0090	3.9776	5.1569	1.2683	9.177	1.7511	9.8984	1.57703
14600	2.0261	3.9991	5.1608	1.2576	9.186	1.7573	9.9175	1.57927
14700	2.0435	4.0209	5.1646	1.2440	9.182	1.7630	9.9381	1.58158
14800	2.0611	4.0426	5.1685	1.2263	9.160	1.7680	9.9590	1.58389
14900	2.0792	4.0647	5.1724	1.2024	9.112	1.7720	9.9820	1.58636
15000	2.0980	4.0870	5.1764	1.1887	9.097	1.7747	10.0066	1.58895

S/R= 38.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-6.8556	-5.9910	2.8434	1.4011	0.856	1.0000	3.4862	1.00000
300	-6.4165	-6.3758	3.0198	1.3999	1.048	1.0000	3.4891	1.00000
400	-6.1028	-5.9371	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-5.8548	-5.5922	3.2440	1.3866	1.346	1.0000	3.5074	1.00000
600	-5.6474	-5.3056	3.3256	1.3762	1.469	1.0000	3.5270	1.00000
700	-5.4664	-5.0577	3.3955	1.3648	1.581	1.0000	3.5516	1.00000
800	-5.3050	-4.8383	3.4572	1.3542	1.683	1.0000	3.5817	1.00000
900	-5.1583	-4.6404	3.5121	1.3443	1.779	1.0000	3.6129	1.00000
1000	-5.0235	-4.4590	3.5619	1.3363	1.869	1.0000	3.6467	1.00000
1100	-4.8991	-4.2941	3.6071	1.3282	1.955	1.0000	3.6791	1.00000
1200	-4.7822	-4.1394	3.6488	1.3212	2.036	1.0000	3.7122	1.00000
1300	-4.6733	-3.9958	3.6874	1.3162	2.115	1.0000	3.7452	1.00000

S/R= 38.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1400	-4.5705	-3.8508	3.7234	1.3094	2.189	1.0000	3.7779	1.00000
1500	-4.4715	-3.7315	3.7573	1.3001	2.258	1.0001	3.8123	1.00006
1600	-4.3761	-3.5080	3.7895	1.2874	2.321	1.0002	3.8498	1.00021
1700	-4.2816	-3.4871	3.8208	1.2704	2.377	1.0006	3.8939	1.00056
1800	-4.1851	-3.3654	3.8518	1.2477	2.425	1.0013	3.9498	1.00132
1900	-4.0827	-3.2389	3.8837	1.2213	2.467	1.0028	4.0263	1.00279
2000	-3.9706	-3.1034	3.9171	1.1954	2.507	1.0053	4.1307	1.00531
2100	-3.8460	-2.9559	3.9524	1.1732	2.550	1.0092	4.2675	1.00922
2200	-3.7083	-2.7957	3.9897	1.1565	2.598	1.0147	4.4392	1.01469
2300	-3.5594	-2.6245	4.0281	1.1451	2.653	1.0217	4.6385	1.02173
2400	-3.4027	-2.4458	4.0667	1.1381	2.713	1.0302	4.8585	1.03016
2500	-3.2424	-2.2637	4.1046	1.1342	2.777	1.0397	5.0898	1.03968
2600	-3.0820	-2.0819	4.1411	1.1328	2.844	1.0500	5.3228	1.05002
2700	-2.9249	-1.9040	4.1756	1.1333	2.913	1.0608	5.5495	1.06084
2800	-2.7732	-1.7320	4.2081	1.1350	2.985	1.0719	5.7664	1.07191
2900	-2.6286	-1.5677	4.2382	1.1378	3.057	1.0830	5.9681	1.08299
3000	-2.4918	-1.4118	4.2662	1.1417	3.130	1.0939	6.1531	1.09387
3100	-2.3641	-1.2657	4.2920	1.1469	3.204	1.1045	6.3187	1.10444
3200	-2.2454	-1.1293	4.3156	1.1526	3.279	1.1146	6.4639	1.11458
3300	-2.1359	-1.0027	4.3374	1.1592	3.353	1.1241	6.5893	1.12413
3400	-2.0352	-0.8856	4.3573	1.1666	3.428	1.1331	6.6959	1.13307
3500	-1.9430	-0.7776	4.3755	1.1747	3.503	1.1413	6.7826	1.14131
3600	-1.8587	-0.6783	4.3922	1.1834	3.578	1.1489	6.8528	1.14884
3700	-1.7819	-0.5870	4.4074	1.1927	3.652	1.1557	6.9060	1.15562
3800	-1.7118	-0.5030	4.4215	1.2020	3.725	1.1617	6.9459	1.16170
3900	-1.6475	-0.4254	4.4345	1.2111	3.797	1.1671	6.9732	1.16711
4000	-1.5882	-0.3534	4.4465	1.2194	3.866	1.1720	6.9899	1.17191
4100	-1.5332	-0.2860	4.4578	1.2266	3.933	1.1762	6.9993	1.17616
4200	-1.4815	-0.2225	4.4685	1.2320	3.996	1.1800	7.0027	1.17997
4300	-1.4325	-0.1621	4.4788	1.2356	4.055	1.1834	7.0030	1.18338
4400	-1.3855	-0.1039	4.4886	1.2371	4.110	1.1866	7.0003	1.18652
4500	-1.3399	-0.0475	4.4982	1.2367	4.161	1.1895	6.9980	1.18944
4600	-1.2951	0.0079	4.5076	1.2347	4.208	1.1923	6.9955	1.19224
4700	-1.2508	0.0625	4.5169	1.2313	4.253	1.1951	6.9951	1.19495
4800	-1.2067	0.1168	4.5262	1.2268	4.295	1.1978	6.9975	1.19766
4900	-1.1623	0.1711	4.5355	1.2155	4.324	1.2005	7.0033	1.20039
5000	-1.1155	0.2277	4.5452	1.2101	4.363	1.2031	7.0189	1.20297
5100	-1.0702	0.2826	4.5546	1.2107	4.413	1.2060	7.0319	1.20586
5200	-1.0244	0.3379	4.5641	1.2058	4.452	1.2090	7.0490	1.20889
5300	-0.9781	0.3936	4.5737	1.2008	4.492	1.2122	7.0701	1.21205
5400	-0.9311	0.4499	4.5834	1.1960	4.531	1.2156	7.0951	1.21537
5500	-0.8836	0.5066	4.5931	1.1919	4.571	1.2191	7.1240	1.21884
5600	-0.8355	0.5639	4.6029	1.1878	4.612	1.2227	7.1563	1.22249
5700	-0.7868	0.6216	4.6127	1.1844	4.653	1.2266	7.1918	1.22628
5800	-0.7379	0.6795	4.6226	1.1816	4.696	1.2306	7.2305	1.23026
5900	-0.6885	0.7378	4.6325	1.1789	4.739	1.2347	7.2720	1.23439
6000	-0.6389	0.7962	4.6424	1.1766	4.783	1.2391	7.3156	1.23866
6100	-0.5891	0.8547	4.6523	1.1750	4.828	1.2435	7.3612	1.24306
6200	-0.5394	0.9131	4.6621	1.1737	4.873	1.2481	7.4087	1.24760
6300	-0.4898	0.9713	4.6719	1.1722	4.919	1.2528	7.4577	1.25227
6400	-0.4402	1.0294	4.6817	1.1712	4.965	1.2576	7.5071	1.25700
6500	-0.3909	1.0871	4.6913	1.1706	5.012	1.2626	7.5581	1.26185
6600	-0.3418	1.1446	4.7009	1.1702	5.060	1.2676	7.6098	1.26681
6700	-0.2931	1.2015	4.7104	1.1696	5.107	1.2727	7.6617	1.27182
6800	-0.2446	1.2583	4.7198	1.1694	5.155	1.2779	7.7140	1.27690

S/R= 38.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6900	-0.1967	1.3142	4.7291	1.1692	5.203	1.2831	7.7563	1.28203
7000	-0.1490	1.3700	4.7382	1.1694	5.252	1.2885	7.8189	1.28724
7100	-0.1021	1.4249	4.7473	1.1699	5.301	1.2939	7.8712	1.29248
7200	-0.0556	1.4793	4.7562	1.1701	5.350	1.2993	7.9231	1.29774
7300	-0.0098	1.5329	4.7650	1.1702	5.399	1.3047	7.9744	1.30302
7400	0.0357	1.5862	4.7737	1.1704	5.447	1.3102	8.0255	1.30834
7500	0.0805	1.6386	4.7822	1.1712	5.498	1.3158	8.0757	1.31363
7600	0.1247	1.6904	4.7907	1.1722	5.548	1.3213	8.1257	1.31896
7700	0.1681	1.7413	4.7990	1.1730	5.598	1.3269	8.1746	1.32428
7800	0.2110	1.7916	4.8071	1.1736	5.648	1.3325	8.2228	1.32959
7900	0.2534	1.8413	4.8152	1.1745	5.698	1.3381	8.2705	1.33492
8000	0.2951	1.8903	4.8231	1.1754	5.748	1.3438	8.3178	1.34024
8100	0.3361	1.9386	4.8309	1.1764	5.799	1.3494	8.3637	1.34552
8200	0.3765	1.9861	4.8386	1.1774	5.849	1.3551	8.4091	1.35079
8300	0.4162	2.0329	4.8461	1.1784	5.899	1.3607	8.4531	1.35602
8400	0.4554	2.0791	4.8535	1.1794	5.950	1.3664	8.4966	1.36124
8500	0.4940	2.1247	4.8609	1.1804	6.000	1.3721	8.5395	1.36644
8600	0.5320	2.1695	4.8680	1.1819	6.052	1.3778	8.5810	1.37159
8700	0.5692	2.2135	4.8751	1.1836	6.103	1.3834	8.6215	1.37668
8800	0.6058	2.2569	4.8821	1.1845	6.154	1.3892	8.6615	1.38177
8900	0.6420	2.2998	4.8890	1.1856	6.204	1.3949	8.7009	1.38682
9000	0.6775	2.3419	4.8957	1.1871	6.255	1.4006	8.7388	1.39182
9100	0.7125	2.3835	4.9024	1.1887	6.307	1.4063	8.7766	1.39681
9200	0.7469	2.4244	4.9089	1.1904	6.359	1.4120	8.8132	1.40173
9300	0.7806	2.4646	4.9154	1.1919	6.410	1.4177	8.8484	1.40657
9400	0.8139	2.5042	4.9217	1.1930	6.461	1.4235	8.8833	1.41141
9500	0.8467	2.5434	4.9280	1.1944	6.512	1.4293	8.9178	1.41620
9600	0.8789	2.5819	4.9342	1.1967	6.566	1.4350	8.9511	1.42094
9700	0.9105	2.6197	4.9402	1.1984	6.618	1.4408	8.9836	1.42562
9800	0.9417	2.6571	4.9462	1.2001	6.670	1.4466	9.0156	1.43029
9900	0.9723	2.6938	4.9521	1.2020	6.723	1.4524	9.0467	1.43486
10000	1.0023	2.7300	4.9579	1.2033	6.774	1.4582	9.0766	1.43936
10100	1.0320	2.7657	4.9637	1.2051	6.826	1.4641	9.1061	1.44384
10200	1.0611	2.8008	4.9693	1.2073	6.880	1.4699	9.1349	1.44826
10300	1.0898	2.8356	4.9749	1.2092	6.933	1.4758	9.1634	1.45266
10400	1.1181	2.8697	4.9804	1.2117	6.988	1.4817	9.1913	1.45698
10500	1.1457	2.9033	4.9858	1.2137	7.041	1.4877	9.2178	1.46125
10600	1.1731	2.9365	4.9912	1.2155	7.094	1.4937	9.2444	1.46548
10700	1.2000	2.9692	4.9965	1.2174	7.148	1.4997	9.2703	1.46964
10800	1.2264	3.0014	5.0017	1.2193	7.201	1.5057	9.2950	1.47372
10900	1.2525	3.0332	5.0068	1.2217	7.255	1.5117	9.3198	1.47780
11000	1.2781	3.0646	5.0119	1.2241	7.310	1.5178	9.3439	1.48180
11100	1.3033	3.0954	5.0169	1.2266	7.366	1.5239	9.3671	1.48571
11200	1.3281	3.1259	5.0219	1.2294	7.423	1.5302	9.3905	1.48965
11300	1.3524	3.1558	5.0268	1.2320	7.478	1.5363	9.4125	1.49344
11400	1.3764	3.1854	5.0316	1.2335	7.532	1.5426	9.4345	1.49722
11500	1.4002	3.2148	5.0364	1.2359	7.587	1.5489	9.4565	1.50097
11600	1.4234	3.2435	5.0411	1.2383	7.643	1.5552	9.4772	1.50462
11700	1.4464	3.2720	5.0458	1.2405	7.698	1.5615	9.4976	1.50822
11800	1.4690	3.3000	5.0504	1.2432	7.755	1.5679	9.5179	1.51180
11900	1.4913	3.3279	5.0550	1.2460	7.813	1.5744	9.5381	1.51534
12000	1.5132	3.3551	5.0595	1.2489	7.871	1.5809	9.5572	1.51876
12100	1.5348	3.3821	5.0640	1.2513	7.928	1.5874	9.5764	1.52217
12200	1.5561	3.4088	5.0684	1.2536	7.984	1.5940	9.5952	1.52551
12300	1.5772	3.4352	5.0728	1.2564	8.043	1.6007	9.6142	1.52884

S/R= 38.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12400	1.5978	3.4611	5.0771	1.2588	8.100	1.6074	9.6320	1.53204
12500	1.6182	3.4869	5.0814	1.2604	8.155	1.6141	9.6500	1.53525
12600	1.6383	3.5123	5.0857	1.2637	8.215	1.6209	9.6675	1.53839
12700	1.6581	3.5373	5.0899	1.2664	8.274	1.6277	9.6848	1.54148
12800	1.6776	3.5621	5.0940	1.2680	8.329	1.6344	9.7015	1.54448
12900	1.6970	3.5867	5.0982	1.2707	8.388	1.6414	9.7185	1.54747
13000	1.7161	3.6109	5.1023	1.2732	8.447	1.6483	9.7356	1.55043
13100	1.7349	3.6349	5.1064	1.2751	8.503	1.6553	9.7522	1.55330
13200	1.7535	3.6587	5.1104	1.2780	8.563	1.6623	9.7685	1.55611
13300	1.7718	3.6821	5.1144	1.2795	8.619	1.6694	9.7848	1.55890
13400	1.7901	3.7054	5.1184	1.2819	8.678	1.6765	9.8013	1.56162
13500	1.8079	3.7284	5.1223	1.2841	8.736	1.6837	9.8173	1.56438
13600	1.8257	3.7512	5.1262	1.2848	8.789	1.6908	9.8332	1.56701
13700	1.8433	3.7738	5.1301	1.2868	8.847	1.6980	9.8492	1.56963
13800	1.8606	3.7961	5.1340	1.2873	8.900	1.7051	9.8650	1.57216
13900	1.8780	3.8184	5.1378	1.2877	8.953	1.7124	9.8814	1.57469
14000	1.8950	3.8404	5.1416	1.2886	9.007	1.7195	9.8973	1.57712
14100	1.9120	3.8623	5.1455	1.2880	9.055	1.7267	9.9137	1.57956
14200	1.9289	3.8841	5.1493	1.2855	9.097	1.7338	9.9305	1.58197
14300	1.9458	3.9057	5.1530	1.2831	9.139	1.7408	9.9471	1.58428
14400	1.9626	3.9272	5.1568	1.2800	9.178	1.7477	9.9642	1.58661
14500	1.9793	3.9486	5.1606	1.2741	9.206	1.7543	9.9816	1.58890
14600	1.9961	3.9700	5.1643	1.2659	9.225	1.7606	9.9994	1.59116
14700	2.0132	3.9915	5.1681	1.2553	9.233	1.7667	10.0185	1.59348
14800	2.0303	4.0129	5.1719	1.2412	9.227	1.7721	10.0378	1.59578
14900	2.0479	4.0346	5.1757	1.2217	9.197	1.7769	10.0589	1.59820
15000	2.0659	4.0565	5.1796	1.2105	9.195	1.7806	10.0811	1.60070

S/R= 38.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-6.9425	-7.0779	2.8434	1.4009	0.856	1.0000	3.4862	1.00000
300	-6.5032	-6.4625	3.0198	1.3998	1.048	1.0000	3.4891	1.00000
400	-6.1896	-6.0239	3.1455	1.3951	1.208	1.0000	3.4952	1.00000
500	-5.9417	-5.6792	3.2440	1.3868	1.347	1.0000	3.5074	1.00000
600	-5.7343	-5.3926	3.3256	1.3760	1.469	1.0000	3.5270	1.00000
700	-5.5531	-5.1444	3.3955	1.3646	1.580	1.0000	3.5515	1.00000
800	-5.3917	-4.9251	3.4572	1.3543	1.683	1.0000	3.5817	1.00000
900	-5.2451	-4.7273	3.5121	1.3446	1.779	1.0000	3.6129	1.00000
1000	-5.1104	-4.5468	3.5619	1.3365	1.869	1.0000	3.6467	1.00000
1100	-4.9861	-4.3811	3.6071	1.3281	1.955	1.0000	3.6791	1.00000
1200	-4.8691	-4.2263	3.6488	1.3210	2.036	1.0000	3.7122	1.00000
1300	-4.7601	-4.0825	3.6874	1.3159	2.115	1.0000	3.7452	1.00000
1400	-4.6572	-3.9475	3.7234	1.3093	2.189	1.0000	3.7779	1.00000
1500	-4.5582	-3.8182	3.7573	1.2998	2.258	1.0001	3.8125	1.00007
1600	-4.4625	-3.6945	3.7897	1.2863	2.320	1.0002	3.8505	1.00023
1700	-4.3676	-3.5730	3.8211	1.2683	2.375	1.0006	3.8960	1.00062
1800	-4.2699	-3.4501	3.8524	1.2444	2.422	1.0015	3.9544	1.00145
1900	-4.1655	-3.3216	3.8845	1.2171	2.463	1.0031	4.0352	1.00307
2000	-4.0505	-3.1831	3.9187	1.1909	2.503	1.0058	4.1461	1.00581
2100	-3.9221	-3.0317	3.9548	1.1690	2.546	1.0100	4.2915	1.01004
2200	-3.7800	-2.8669	3.9930	1.1529	2.596	1.0159	4.4728	1.01590
2300	-3.6266	-2.6909	4.0322	1.1422	2.652	1.0234	4.6820	1.02337
2400	-3.4657	-2.5078	4.0714	1.1358	2.713	1.0322	4.9111	1.03223
2500	-3.3016	-2.3219	4.1098	1.1324	2.778	1.0422	5.1502	1.04216

S/R= 38.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2600	-3.1382	-2.1370	4.1465	1.1315	2.846	1.0529	5.3994	1.05287
2700	-2.9789	-1.9567	4.1812	1.1322	2.916	1.0640	5.6207	1.06401
2800	-2.8254	-1.7829	4.2136	1.1343	2.989	1.0753	5.8407	1.07535
2900	-2.6797	-1.5173	4.2437	1.1373	3.061	1.0867	6.0442	1.08665
3000	-2.5422	-1.4608	4.2716	1.1416	3.135	1.0977	6.2295	1.09770
3100	-2.4144	-1.3145	4.2972	1.1470	3.210	1.1084	6.3946	1.10838
3200	-2.2959	-1.1782	4.3206	1.1531	3.285	1.1186	6.5382	1.11857
3300	-2.1869	-1.0522	4.3421	1.1600	3.361	1.1281	6.6611	1.12814
3400	-2.0870	-0.9359	4.3617	1.1679	3.436	1.1370	6.7644	1.13703
3500	-1.9959	-0.8291	4.3796	1.1764	3.511	1.1452	6.8473	1.14518
3600	-1.9129	-0.7310	4.3960	1.1856	3.587	1.1526	6.9130	1.15258
3700	-1.8374	-0.6412	4.4109	1.1953	3.662	1.1592	6.9617	1.15920
3800	-1.7686	-0.5586	4.4247	1.2049	3.735	1.1651	6.9971	1.16509
3900	-1.7056	-0.4823	4.4374	1.2141	3.807	1.1703	7.0199	1.17031
4000	-1.6475	-0.4116	4.4492	1.2224	3.876	1.1750	7.0326	1.17491
4100	-1.5935	-0.3453	4.4603	1.2293	3.942	1.1790	7.0385	1.17898
4200	-1.5427	-0.2828	4.4708	1.2343	4.004	1.1827	7.0390	1.18261
4300	-1.4944	-0.2230	4.4808	1.2371	4.062	1.1859	7.0368	1.18588
4400	-1.4479	-0.1653	4.4906	1.2377	4.115	1.1890	7.0324	1.18890
4500	-1.4023	-0.1090	4.5001	1.2366	4.164	1.1918	7.0291	1.19173
4600	-1.3576	-0.0538	4.5095	1.2337	4.210	1.1945	7.0263	1.19446
4700	-1.3131	0.0011	4.5188	1.2295	4.253	1.1972	7.0259	1.19715
4800	-1.2685	0.0558	4.5281	1.2245	4.295	1.1999	7.0289	1.19985
4900	-1.2236	0.1106	4.5375	1.2129	4.323	1.2027	7.0359	1.20260
5000	-1.1761	0.1678	4.5473	1.2073	4.362	1.2054	7.0530	1.20523
5100	-1.1300	0.2236	4.5569	1.2074	4.411	1.2083	7.0578	1.20820
5200	-1.0834	0.2798	4.5665	1.2024	4.451	1.2114	7.0870	1.21131
5300	-1.0362	0.3364	4.5762	1.1974	4.490	1.2147	7.1105	1.21457
5400	-0.9881	0.3938	4.5860	1.1927	4.530	1.2182	7.1380	1.21802
5500	-0.9396	0.4516	4.5959	1.1886	4.570	1.2218	7.1695	1.22162
5600	-0.8904	0.5100	4.6058	1.1847	4.611	1.2256	7.2044	1.22541
5700	-0.8406	0.5689	4.6158	1.1814	4.653	1.2296	7.2427	1.22936
5800	-0.7906	0.6279	4.6258	1.1787	4.696	1.2338	7.2841	1.23349
5900	-0.7401	0.6874	4.6359	1.1761	4.740	1.2381	7.3284	1.23779
6000	-0.6894	0.7469	4.6459	1.1740	4.784	1.2426	7.3747	1.24222
6100	-0.6386	0.8065	4.6559	1.1725	4.830	1.2472	7.4229	1.24679
6200	-0.5880	0.8659	4.6659	1.1714	4.876	1.2519	7.4729	1.25150
6300	-0.5373	0.9251	4.6758	1.1700	4.922	1.2568	7.5243	1.25634
6400	-0.4868	0.9842	4.6856	1.1691	4.969	1.2618	7.5761	1.26124
6500	-0.4366	1.0429	4.6954	1.1686	5.016	1.2669	7.6293	1.26626
6600	-0.3865	1.1013	4.7051	1.1683	5.065	1.2721	7.6831	1.27138
6700	-0.3372	1.1591	4.7147	1.1678	5.112	1.2774	7.7370	1.27656
6800	-0.2878	1.2167	4.7241	1.1677	5.161	1.2827	7.7913	1.28180
6900	-0.2392	1.2734	4.7335	1.1676	5.209	1.2881	7.8454	1.28710
7000	-0.1909	1.3299	4.7427	1.1678	5.259	1.2936	7.8997	1.29246
7100	-0.1433	1.3855	4.7518	1.1683	5.308	1.2991	7.9538	1.29786
7200	-0.0961	1.4406	4.7608	1.1686	5.358	1.3047	8.0072	1.30326
7300	-0.0497	1.4949	4.7697	1.1688	5.407	1.3103	8.0598	1.30870
7400	-0.0036	1.5487	4.7784	1.1691	5.456	1.3159	8.1124	1.31416
7500	0.0417	1.6017	4.7870	1.1700	5.507	1.3216	8.1638	1.31960
7600	0.0865	1.6541	4.7954	1.1709	5.558	1.3272	8.2150	1.32507
7700	0.1304	1.7055	4.8037	1.1718	5.608	1.3329	8.2650	1.33053
7800	0.1737	1.7564	4.8119	1.1724	5.658	1.3386	8.3143	1.33597
7900	0.2165	1.8065	4.8200	1.1733	5.708	1.3444	8.3630	1.34143
8000	0.2586	1.8560	4.8279	1.1743	5.759	1.3502	8.4112	1.34688

S/R= 38.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8100	0.3001	1.9346	4.8357	1.1753	5.810	1.3559	8.4579	1.35229
8200	0.3408	1.9526	4.8434	1.1764	5.861	1.3617	8.5041	1.35768
8300	0.3809	1.9997	4.8510	1.1775	5.911	1.3674	8.5489	1.36303
8400	0.4204	2.0463	4.8584	1.1783	5.962	1.3732	8.5931	1.36837
8500	0.4594	2.0922	4.8658	1.1793	6.012	1.3790	8.6366	1.37369
8600	0.4976	2.1374	4.8730	1.1809	6.064	1.3847	8.6785	1.37895
8700	0.5351	2.1817	4.8800	1.1826	6.116	1.3904	8.7195	1.38415
8800	0.5721	2.2253	4.8870	1.1836	6.167	1.3962	8.7501	1.38935
8900	0.6085	2.2685	4.8939	1.1847	6.217	1.4020	8.8000	1.39450
9000	0.6443	2.3109	4.9005	1.1861	6.269	1.4078	8.8384	1.39961
9100	0.6795	2.3527	4.9073	1.1877	6.321	1.4136	8.8765	1.40471
9200	0.7141	2.3938	4.9138	1.1894	6.373	1.4193	8.9133	1.40973
9300	0.7480	2.4342	4.9203	1.1909	6.424	1.4251	8.9490	1.41467
9400	0.7815	2.4740	4.9266	1.1920	6.475	1.4309	8.9842	1.41960
9500	0.8145	2.5134	4.9329	1.1934	6.527	1.4367	9.0189	1.42449
9600	0.8469	2.5521	4.9390	1.1955	6.580	1.4425	9.0525	1.42933
9700	0.8786	2.5901	4.9451	1.1972	6.632	1.4483	9.0850	1.43410
9800	0.9099	2.6276	4.9511	1.1988	6.684	1.4541	9.1172	1.43886
9900	0.9407	2.6645	4.9570	1.2008	6.737	1.4600	9.1483	1.44352
10000	0.9709	2.7008	4.9628	1.2023	6.789	1.4658	9.1783	1.44811
10100	1.0007	2.7367	4.9685	1.2041	6.841	1.4716	9.2081	1.45267
10200	1.0300	2.7719	4.9741	1.2060	6.894	1.4775	9.2368	1.45717
10300	1.0588	2.8068	4.9797	1.2077	6.946	1.4834	9.2654	1.46166
10400	1.0872	2.8410	4.9852	1.2102	7.001	1.4893	9.2929	1.46607
10500	1.1150	2.8747	4.9905	1.2122	7.054	1.4952	9.3198	1.47042
10600	1.1425	2.9081	4.9959	1.2140	7.107	1.5012	9.3462	1.47472
10700	1.1694	2.9408	5.0012	1.2162	7.162	1.5072	9.3721	1.47897
10800	1.1960	2.9731	5.0064	1.2180	7.215	1.5131	9.3967	1.48312
10900	1.2221	3.0050	5.0115	1.2200	7.268	1.5192	9.4214	1.48728
11000	1.2479	3.0364	5.0166	1.2223	7.323	1.5252	9.4453	1.49136
11100	1.2731	3.0673	5.0216	1.2248	7.378	1.5312	9.4684	1.49535
11200	1.2981	3.0979	5.0266	1.2274	7.434	1.5374	9.4917	1.49936
11300	1.3224	3.1279	5.0314	1.2300	7.490	1.5435	9.5133	1.50322
11400	1.3465	3.1575	5.0362	1.2316	7.543	1.5497	9.5352	1.50707
11500	1.3704	3.1869	5.0410	1.2342	7.599	1.5559	9.5569	1.51089
11600	1.3936	3.2157	5.0457	1.2367	7.655	1.5622	9.5774	1.51461
11700	1.4167	3.2442	5.0504	1.2385	7.709	1.5684	9.5975	1.51829
11800	1.4394	3.2723	5.0549	1.2408	7.765	1.5747	9.6175	1.52193
11900	1.4618	3.3002	5.0595	1.2435	7.822	1.5811	9.6375	1.52554
12000	1.4837	3.3274	5.0640	1.2464	7.880	1.5875	9.6563	1.52903
12100	1.5054	3.3545	5.0684	1.2487	7.936	1.5939	9.6751	1.53251
12200	1.5267	3.3811	5.0728	1.2509	7.992	1.6004	9.6935	1.53592
12300	1.5479	3.4075	5.0772	1.2537	8.050	1.6070	9.7121	1.53931
12400	1.5685	3.4335	5.0815	1.2565	8.108	1.6135	9.7295	1.54258
12500	1.5890	3.4593	5.0858	1.2584	8.163	1.6201	9.7472	1.54586
12600	1.6092	3.4847	5.0900	1.2612	8.222	1.6268	9.7645	1.54906
12700	1.6290	3.5097	5.0942	1.2634	8.279	1.6334	9.7813	1.55222
12800	1.6485	3.5345	5.0983	1.2650	8.333	1.6401	9.7975	1.55528
12900	1.6680	3.5591	5.1024	1.2676	8.392	1.6468	9.8142	1.55834
13000	1.6871	3.5833	5.1065	1.2700	8.450	1.6536	9.8307	1.56136
13100	1.7060	3.6073	5.1106	1.2721	8.506	1.6604	9.8466	1.56430
13200	1.7246	3.6310	5.1146	1.2750	8.566	1.6673	9.8624	1.56717
13300	1.7429	3.6544	5.1185	1.2764	8.621	1.6742	9.8781	1.57002
13400	1.7612	3.6777	5.1225	1.2789	8.680	1.6811	9.8940	1.57281
13500	1.7791	3.7006	5.1264	1.2808	8.737	1.6881	9.9095	1.57562

S/R= 38.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13600	1.7969	3.7235	5.1303	1.2815	8.789	1.6951	9.9252	1.57832
13700	1.8145	3.7460	5.1341	1.2839	8.848	1.7021	9.9406	1.58100
13800	1.8318	3.7683	5.1380	1.2846	8.901	1.7090	9.9557	1.58360
13900	1.8491	3.7905	5.1418	1.2855	8.955	1.7161	9.9714	1.58619
14000	1.8661	3.8124	5.1455	1.2869	9.010	1.7231	9.9864	1.58867
14100	1.8831	3.8342	5.1493	1.2871	9.061	1.7301	10.0021	1.59118
14200	1.8999	3.8559	5.1531	1.2855	9.106	1.7372	10.0180	1.59365
14300	1.9167	3.8774	5.1568	1.2841	9.151	1.7441	10.0336	1.59602
14400	1.9333	3.8988	5.1605	1.2823	9.195	1.7509	10.0497	1.59840
14500	1.9499	3.9201	5.1642	1.2783	9.230	1.7576	10.0659	1.60073
14600	1.9665	3.9412	5.1679	1.2723	9.257	1.7640	10.0826	1.60302
14700	1.9833	3.9625	5.1717	1.2644	9.276	1.7703	10.1004	1.60536
14800	2.0001	3.9836	5.1754	1.2538	9.284	1.7761	10.1180	1.60766
14900	2.0171	4.0050	5.1791	1.2384	9.272	1.7815	10.1374	1.61006
15000	2.0346	4.0264	5.1829	1.2292	9.280	1.7860	10.1577	1.61249

S/R= 39.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	-6.5900	-6.5493	3.0198	1.3985	1.047	1.0000	3.4891	1.00000
400	-6.2765	-6.1109	3.1455	1.3952	1.208	1.0000	3.4952	1.00000
500	-6.0286	-5.7661	3.2440	1.3868	1.347	1.0000	3.5074	1.00000
600	-5.8213	-5.4795	3.3256	1.3760	1.469	1.0000	3.5270	1.00000
700	-5.6400	-5.2313	3.3955	1.3647	1.581	1.0000	3.5516	1.00000
800	-5.4787	-5.0120	3.4572	1.3542	1.683	1.0000	3.5817	1.00000
900	-5.3319	-4.8140	3.5121	1.3445	1.779	1.0000	3.6129	1.00000
1000	-5.1974	-4.6338	3.5619	1.3366	1.870	1.0000	3.6467	1.00000
1100	-5.0729	-4.4679	3.6071	1.3282	1.955	1.0000	3.6791	1.00000
1200	-4.9561	-4.3133	3.6488	1.3211	2.036	1.0000	3.7122	1.00000
1300	-4.8469	-4.1694	3.6874	1.3156	2.115	1.0000	3.7452	1.00000
1400	-4.7440	-4.0343	3.7234	1.3091	2.189	1.0000	3.7779	1.00000
1500	-4.6449	-3.9049	3.7573	1.2993	2.258	1.0001	3.8129	1.00008
1600	-4.5490	-3.7809	3.7898	1.2852	2.319	1.0003	3.8516	1.00025
1700	-4.4534	-3.6588	3.8213	1.2660	2.373	1.0007	3.8983	1.00068
1800	-4.3545	-3.5347	3.8529	1.2409	2.419	1.0016	3.9594	1.00160
1900	-4.2480	-3.4040	3.8857	1.2128	2.459	1.0034	4.0450	1.00337
2000	-4.1298	-3.2622	3.9204	1.1864	2.499	1.0064	4.1629	1.00636
2100	-3.9973	-3.1066	3.9574	1.1649	2.543	1.0109	4.3172	1.01093
2200	-3.8507	-2.9370	3.9965	1.1495	2.594	1.0172	4.5087	1.01719
2300	-3.6926	-2.7563	4.0364	1.1395	2.651	1.0251	4.7279	1.02510
2400	-3.5275	-2.5688	4.0762	1.1336	2.713	1.0344	4.9661	1.03439
2500	-3.3599	-2.3791	4.1150	1.1307	2.779	1.0447	5.2127	1.04473
2600	-3.1936	-2.1912	4.1520	1.1302	2.848	1.0558	5.4579	1.05579
2700	-3.0320	-2.0085	4.1867	1.1313	2.920	1.0673	5.6935	1.06725
2800	-2.8770	-1.8330	4.2192	1.1337	2.993	1.0788	5.9163	1.07885
2900	-2.7303	-1.6664	4.2492	1.1370	3.066	1.0904	6.1212	1.09035
3000	-2.5923	-1.5093	4.2769	1.1416	3.141	1.1016	6.3067	1.10155
3100	-2.4644	-1.3629	4.3023	1.1473	3.216	1.1123	6.4707	1.11233
3200	-2.3463	-1.2270	4.3255	1.1537	3.292	1.1226	6.6123	1.12256
3300	-2.2380	-1.1017	4.3467	1.1610	3.368	1.1321	6.7323	1.13212
3400	-2.1390	-0.9864	4.3660	1.1693	3.444	1.1410	6.8319	1.14094
3500	-2.0491	-0.8808	4.3836	1.1783	3.520	1.1490	6.9105	1.14898
3600	-1.9674	-0.7842	4.3996	1.1880	3.596	1.1562	6.9717	1.15623
3700	-1.8933	-0.6958	4.4143	1.1981	3.671	1.1627	7.0155	1.16267
3800	-1.8259	-0.6147	4.4277	1.2080	3.745	1.1684	7.0463	1.16836



S/R= 39.0

T	LOG(RHO)	LOG(P)	LOG(H/2)	GAMMA-E	A/AA	Z	H/RT	Z*
3900	-1.7643	-0.5399	4.4402	1.2173	3.817	1.1734	7.0647	1.17337
4000	-1.7074	-0.4704	4.4517	1.2254	3.886	1.1778	7.0733	1.17777
4100	-1.6544	-0.4052	4.4626	1.2319	3.951	1.1817	7.0758	1.18166
4200	-1.6044	-0.3435	4.4729	1.2363	4.011	1.1852	7.0734	1.18512
4300	-1.5566	-0.2843	4.4828	1.2384	4.068	1.1883	7.0591	1.18825
4400	-1.5173	-0.2270	4.4925	1.2381	4.119	1.1912	7.0633	1.19115
4500	-1.4650	-0.1709	4.5020	1.2360	4.167	1.1940	7.0592	1.19390
4600	-1.4201	-0.1155	4.5113	1.2323	4.212	1.1967	7.0561	1.19659
4700	-1.3753	-0.0604	4.5207	1.2275	4.254	1.1993	7.0562	1.19925
4800	-1.3303	-0.0053	4.5301	1.2220	4.294	1.2020	7.0602	1.20196
4900	-1.2848	0.0502	4.5395	1.2102	4.322	1.2048	7.0685	1.20476
5000	-1.2365	0.1082	4.5495	1.2043	4.360	1.2076	7.0874	1.20746
5100	-1.1896	0.1648	4.5591	1.2041	4.409	1.2106	7.1042	1.21050
5200	-1.1420	0.2220	4.5688	1.1990	4.449	1.2138	7.1259	1.21371
5300	-1.0937	0.2797	4.5787	1.1940	4.488	1.2172	7.1518	1.21709
5400	-1.0447	0.3382	4.5886	1.1894	4.528	1.2208	7.1820	1.22066
5500	-0.9950	0.3972	4.5987	1.1854	4.569	1.2246	7.2162	1.22440
5600	-0.9447	0.4567	4.6088	1.1816	4.611	1.2285	7.2540	1.22835
5700	-0.8938	0.5168	4.6189	1.1785	4.653	1.2327	7.2951	1.23246
5800	-0.8426	0.5770	4.6291	1.1758	4.697	1.2370	7.3393	1.23676
5900	-0.7910	0.6376	4.6393	1.1734	4.741	1.2415	7.3863	1.24121
6000	-0.7393	0.6983	4.6495	1.1715	4.786	1.2461	7.4354	1.24583
6100	-0.6874	0.7590	4.6596	1.1701	4.832	1.2509	7.4863	1.25057
6200	-0.6358	0.8194	4.6697	1.1691	4.879	1.2559	7.5387	1.25545
6300	-0.5842	0.8797	4.6797	1.1679	4.925	1.2609	7.5926	1.26046
6400	-0.5327	0.9397	4.6897	1.1671	4.973	1.2660	7.6468	1.26554
6500	-0.4816	0.9994	4.6995	1.1666	5.021	1.2713	7.7023	1.27073
6600	-0.4308	1.0587	4.7093	1.1665	5.070	1.2767	7.7582	1.27602
6700	-0.3805	1.1173	4.7190	1.1660	5.118	1.2821	7.8140	1.28136
6800	-0.3304	1.1757	4.7285	1.1660	5.167	1.2876	7.8702	1.28676
6900	-0.2811	1.2333	4.7379	1.1661	5.216	1.2931	7.9262	1.29222
7000	-0.2320	1.2905	4.7472	1.1663	5.266	1.2988	7.9821	1.29774
7100	-0.1837	1.3468	4.7564	1.1669	5.316	1.3045	8.0378	1.30329
7200	-0.1360	1.4026	4.7654	1.1672	5.366	1.3102	8.0927	1.30885
7300	-0.0889	1.4575	4.7743	1.1675	5.415	1.3159	8.1468	1.31444
7400	-0.0423	1.5119	4.7831	1.1679	5.465	1.3217	8.2007	1.32004
7500	0.0036	1.5655	4.7917	1.1688	5.516	1.3274	8.2533	1.32561
7600	0.0488	1.6184	4.8002	1.1698	5.567	1.3332	8.3057	1.33123
7700	0.0932	1.6703	4.8085	1.1707	5.618	1.3391	8.3568	1.33683
7800	0.1370	1.7217	4.8167	1.1713	5.668	1.3449	8.4071	1.34240
7900	0.1802	1.7723	4.8248	1.1723	5.719	1.3507	8.4567	1.34799
8000	0.2227	1.8221	4.8328	1.1732	5.770	1.3566	8.5058	1.35357
8100	0.2645	1.8712	4.8406	1.1743	5.821	1.3624	8.5534	1.35911
8200	0.3057	1.9195	4.8483	1.1754	5.873	1.3683	8.6003	1.36462
8300	0.3461	1.9671	4.8559	1.1765	5.924	1.3741	8.6458	1.37009
8400	0.3859	2.0139	4.8633	1.1774	5.974	1.3800	8.6906	1.37555
8500	0.4252	2.0602	4.8707	1.1784	6.025	1.3859	8.7348	1.38098
8600	0.4638	2.1057	4.8779	1.1800	6.077	1.3917	8.7773	1.38635
8700	0.5015	2.1503	4.8849	1.1816	6.129	1.3975	8.8189	1.39166
8800	0.5387	2.1942	4.8919	1.1826	6.180	1.4034	8.8598	1.39697
8900	0.5754	2.2376	4.8988	1.1838	6.231	1.4092	8.9001	1.40223
9000	0.6114	2.2803	4.9055	1.1852	6.283	1.4151	8.9393	1.40744
9100	0.6469	2.3223	4.9122	1.1867	6.334	1.4209	8.9774	1.41264
9200	0.6817	2.3636	4.9187	1.1884	6.387	1.4267	9.0146	1.41776
9300	0.7158	2.4042	4.9252	1.1898	6.438	1.4325	9.0504	1.42280

S/R= 39.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9400	0.7494	2.4443	4.9315	1.1911	6.490	1.4384	9.0859	1.42783
9500	0.7826	2.4838	4.9378	1.1926	6.541	1.4442	9.1209	1.43282
9600	0.8152	2.5227	4.9439	1.1945	6.594	1.4501	9.1546	1.43775
9700	0.8471	2.5608	4.9500	1.1961	6.646	1.4559	9.1873	1.44261
9800	0.8786	2.5985	4.9559	1.1977	6.698	1.4618	9.2197	1.44745
9900	0.9095	2.6356	4.9618	1.1997	6.751	1.4676	9.2508	1.45220
10000	0.9398	2.6720	4.9676	1.2012	6.803	1.4734	9.2808	1.45688
10100	0.9698	2.7080	4.9733	1.2031	6.856	1.4793	9.3106	1.46153
10200	0.9992	2.7434	4.9789	1.2050	6.909	1.4852	9.3395	1.46611
10300	1.0282	2.7783	4.9845	1.2064	6.961	1.4911	9.3680	1.47068
10400	1.0566	2.8127	4.9900	1.2088	7.015	1.4970	9.3955	1.47517
10500	1.0845	2.8465	4.9953	1.2108	7.068	1.5029	9.4223	1.47960
10600	1.1121	2.8799	5.0007	1.2126	7.121	1.5088	9.4487	1.48398
10700	1.1392	2.9128	5.0059	1.2148	7.176	1.5148	9.4744	1.48831
10800	1.1658	2.9451	5.0111	1.2168	7.229	1.5207	9.4990	1.49254
10900	1.1921	2.9771	5.0162	1.2188	7.283	1.5267	9.5236	1.49677
11000	1.2179	3.0086	5.0213	1.2207	7.336	1.5327	9.5474	1.50092
11100	1.2432	3.0396	5.0263	1.2230	7.391	1.5387	9.5703	1.50498
11200	1.2682	3.0702	5.0312	1.2256	7.447	1.5448	9.5933	1.50907
11300	1.2927	3.1002	5.0360	1.2281	7.502	1.5509	9.6148	1.51300
11400	1.3168	3.1299	5.0408	1.2297	7.555	1.5570	9.6364	1.51693
11500	1.3408	3.1594	5.0456	1.2323	7.611	1.5632	9.6579	1.52082
11600	1.3641	3.1881	5.0503	1.2350	7.667	1.5693	9.6781	1.52460
11700	1.3873	3.2167	5.0549	1.2369	7.722	1.5755	9.6982	1.52835
11800	1.4100	3.2448	5.0595	1.2388	7.776	1.5818	9.7178	1.53206
11900	1.4325	3.2727	5.0640	1.2414	7.832	1.5881	9.7375	1.53573
12000	1.4544	3.3000	5.0684	1.2442	7.890	1.5943	9.7559	1.53929
12100	1.4761	3.3270	5.0729	1.2463	7.945	1.6006	9.7743	1.54283
12200	1.4975	3.3537	5.0772	1.2484	8.000	1.6070	9.7923	1.54631
12300	1.5187	3.3802	5.0816	1.2512	8.058	1.6135	9.8105	1.54977
12400	1.5394	3.4062	5.0859	1.2540	8.116	1.6198	9.8275	1.55311
12500	1.5600	3.4319	5.0901	1.2560	8.171	1.6264	9.8448	1.55644
12600	1.5802	3.4573	5.0943	1.2592	8.231	1.6329	9.8618	1.55971
12700	1.6000	3.4824	5.0985	1.2611	8.286	1.6395	9.8782	1.56293
12800	1.6196	3.5071	5.1026	1.2622	8.339	1.6460	9.8940	1.56606
12900	1.6391	3.5317	5.1067	1.2648	8.397	1.6526	9.9102	1.56918
13000	1.6582	3.5559	5.1107	1.2671	8.454	1.6592	9.9262	1.57226
13100	1.6771	3.5799	5.1147	1.2691	8.510	1.6659	9.9416	1.57526
13200	1.6958	3.6036	5.1187	1.2721	8.570	1.6726	9.9568	1.57819
13300	1.7141	3.6269	5.1226	1.2736	8.624	1.6793	9.9720	1.58111
13400	1.7324	3.6502	5.1266	1.2759	8.682	1.6861	9.9873	1.58396
13500	1.7503	3.6731	5.1304	1.2780	8.740	1.6929	10.0022	1.58683
13600	1.7681	3.6959	5.1343	1.2785	8.791	1.6997	10.0173	1.58959
13700	1.7857	3.7184	5.1381	1.2803	8.847	1.7065	10.0323	1.59233
13800	1.8031	3.7406	5.1419	1.2815	8.901	1.7133	10.0471	1.59499
13900	1.8204	3.7629	5.1457	1.2831	8.957	1.7202	10.0620	1.59764
14000	1.8374	3.7847	5.1494	1.2850	9.013	1.7270	10.0764	1.60019
14100	1.8543	3.8064	5.1532	1.2856	9.066	1.7339	10.0912	1.60275
14200	1.8711	3.8280	5.1569	1.2847	9.113	1.7408	10.1063	1.60528
14300	1.8878	3.8494	5.1606	1.2841	9.161	1.7476	10.1210	1.60770
14400	1.9043	3.8707	5.1642	1.2836	9.209	1.7544	10.1362	1.61014
14500	1.9208	3.8918	5.1679	1.2811	9.249	1.7610	10.1514	1.61251
14600	1.9372	3.9128	5.1715	1.2768	9.282	1.7676	10.1669	1.61484
14700	1.9538	3.9339	5.1752	1.2714	9.311	1.7740	10.1834	1.61722
14800	1.9702	3.9548	5.1789	1.2639	9.331	1.7800	10.1997	1.61953

S/R= 39.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14900	1.9869	3.9758	5.1825	1.2523	9.335	1.7858	10.2175	1.62192
15000	2.0038	3.9969	5.1862	1.2453	9.353	1.7910	10.2361	1.62431

S/R= 39.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	-6.6769	-6.6362	3.0198	1.3986	1.047	1.0000	3.4891	1.00000
400	-6.3635	-6.1978	3.1455	1.3951	1.208	1.0000	3.4952	1.00000
500	-6.1154	-5.8528	3.2440	1.3866	1.346	1.0000	3.5074	1.00000
600	-5.9080	-5.5663	3.3255	1.3762	1.469	1.0000	3.5270	1.00000
700	-5.7270	-5.3182	3.3955	1.3649	1.581	1.0000	3.5515	1.00000
800	-5.5657	-5.0990	3.4572	1.3540	1.683	1.0000	3.5817	1.00000
900	-5.4187	-4.9009	3.5121	1.3442	1.779	1.0000	3.6129	1.00000
1000	-5.2842	-4.7206	3.5619	1.3365	1.869	1.0000	3.6467	1.00000
1100	-5.1596	-4.5546	3.6071	1.3283	1.955	1.0000	3.6791	1.00000
1200	-5.0429	-4.4002	3.6488	1.3214	2.036	1.0000	3.7122	1.00000
1300	-4.9339	-4.2564	3.6874	1.3157	2.115	1.0000	3.7452	1.00000
1400	-4.8309	-4.1211	3.7234	1.3087	2.189	1.0000	3.7779	1.00000
1500	-4.7316	-3.9916	3.7574	1.2986	2.257	1.0001	3.8132	1.00009
1600	-4.6354	-3.8673	3.7899	1.2838	2.318	1.0003	3.8526	1.00028
1700	-4.5391	-3.7445	3.8216	1.2636	2.371	1.0008	3.9008	1.00075
1800	-4.4389	-3.6190	3.8535	1.2372	2.415	1.0018	3.9550	1.00177
1900	-4.3301	-3.4859	3.8868	1.2084	2.455	1.0037	4.0057	1.00370
2000	-4.2085	-3.3406	3.9223	1.1819	2.495	1.0070	4.0810	1.00696
2100	-4.0719	-3.1806	3.9602	1.1609	2.540	1.0119	4.3449	1.01187
2200	-3.9204	-3.0061	4.0001	1.1462	2.592	1.0186	4.5467	1.01856
2300	-3.7577	-2.8206	4.0408	1.1368	2.650	1.0269	4.7761	1.02691
2400	-3.5884	-2.6287	4.0812	1.1315	2.713	1.0366	5.0233	1.03664
2500	-3.4172	-2.4353	4.1204	1.1292	2.781	1.0474	5.2773	1.04738
2600	-3.2481	-2.2445	4.1576	1.1290	2.851	1.0588	5.5282	1.05880
2700	-3.0844	-2.0596	4.1924	1.1304	2.923	1.0706	5.7578	1.07056
2800	-2.9280	-1.8826	4.2248	1.1331	2.997	1.0824	5.9931	1.08240
2900	-2.7803	-1.7150	4.2547	1.1368	3.071	1.0941	6.1989	1.09409
3000	-2.6420	-1.5575	4.2822	1.1416	3.146	1.1054	6.3843	1.10543
3100	-2.5142	-1.4112	4.3074	1.1477	3.223	1.1163	6.5468	1.11629
3200	-2.3966	-1.2758	4.3303	1.1545	3.299	1.1265	6.6860	1.12654
3300	-2.2891	-1.1513	4.3512	1.1622	3.375	1.1361	6.8027	1.13605
3400	-2.1913	-1.0372	4.3702	1.1710	3.452	1.1448	6.8983	1.14479
3500	-2.1026	-0.9330	4.3875	1.1805	3.529	1.1527	6.9724	1.15270
3600	-2.0224	-0.8378	4.4032	1.1906	3.605	1.1598	7.0287	1.15977
3700	-1.9498	-0.7510	4.4175	1.2011	3.681	1.1660	7.0676	1.16602
3800	-1.8838	-0.6715	4.4306	1.2112	3.755	1.1715	7.0933	1.17150
3900	-1.8235	-0.5981	4.4428	1.2205	3.827	1.1763	7.1073	1.17629
4000	-1.7678	-0.5298	4.4541	1.2285	3.895	1.1805	7.1120	1.18049
4100	-1.7158	-0.4657	4.4647	1.2345	3.959	1.1842	7.1111	1.18418
4200	-1.6665	-0.4047	4.4749	1.2381	4.018	1.1875	7.1061	1.18748
4300	-1.6192	-0.3461	4.4847	1.2392	4.073	1.1905	7.1000	1.19049
4400	-1.5732	-0.2891	4.4943	1.2380	4.123	1.1933	7.0929	1.19329
4500	-1.5278	-0.2330	4.5038	1.2350	4.169	1.1960	7.0883	1.19597
4600	-1.4828	-0.1774	4.5131	1.2307	4.212	1.1987	7.0854	1.19862
4700	-1.4376	-0.1220	4.5225	1.2251	4.253	1.2013	7.0862	1.20128
4800	-1.3920	-0.0662	4.5320	1.2190	4.292	1.2041	7.0913	1.20402
4900	-1.3458	-0.0100	4.5415	1.2072	4.321	1.2069	7.1013	1.20686
5000	-1.2966	0.0489	4.5516	1.2012	4.359	1.2097	7.1222	1.20964
5100	-1.2488	0.1064	4.5613	1.2007	4.407	1.2129	7.1413	1.21277

S/R= 39.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5200	-1.2002	0.1647	4.5712	1.1955	4.447	1.2162	7.1654	1.21610
5300	-1.1509	0.2235	4.5813	1.1905	4.486	1.2197	7.1941	1.21960
5400	-1.1006	0.2832	4.5914	1.1861	4.527	1.2234	7.2271	1.22331
5500	-1.0498	0.3434	4.6016	1.1822	4.568	1.2274	7.2643	1.22721
5600	-0.9984	0.4041	4.6118	1.1785	4.610	1.2315	7.3049	1.23131
5700	-0.9463	0.4654	4.6221	1.1756	4.653	1.2358	7.3489	1.23559
5800	-0.8940	0.5268	4.6324	1.1731	4.698	1.2403	7.3961	1.24006
5900	-0.8413	0.5886	4.6428	1.1708	4.742	1.2449	7.4460	1.24469
6000	-0.7895	0.6504	4.6531	1.1691	4.788	1.2498	7.4977	1.24948
6100	-0.7355	0.7122	4.6634	1.1678	4.835	1.2547	7.5513	1.25439
6200	-0.6828	0.7737	4.6736	1.1669	4.882	1.2598	7.6064	1.25945
6300	-0.6303	0.8350	4.6837	1.1658	4.929	1.2650	7.6626	1.26464
6400	-0.5779	0.8960	4.6937	1.1652	4.977	1.2703	7.7191	1.26989
6500	-0.5259	0.9566	4.7037	1.1648	5.026	1.2758	7.7768	1.27525
6600	-0.4742	1.0168	4.7136	1.1647	5.075	1.2813	7.8349	1.28071
6700	-0.4232	1.0763	4.7233	1.1644	5.124	1.2869	7.8927	1.28622
6800	-0.3723	1.1355	4.7329	1.1644	5.173	1.2925	7.9508	1.29178
6900	-0.3222	1.1938	4.7424	1.1646	5.223	1.2982	8.0085	1.29741
7000	-0.2724	1.2518	4.7518	1.1649	5.273	1.3040	8.0662	1.30308
7100	-0.2235	1.3088	4.7610	1.1656	5.324	1.3099	8.1233	1.30879
7200	-0.1752	1.3652	4.7701	1.1659	5.374	1.3157	8.1798	1.31450
7300	-0.1275	1.4207	4.7790	1.1662	5.424	1.3216	8.2352	1.32023
7400	-0.0803	1.4758	4.7878	1.1667	5.475	1.3275	8.2903	1.32598
7500	-0.0340	1.5299	4.7965	1.1677	5.526	1.3334	8.3443	1.33170
7600	0.0117	1.5833	4.8050	1.1687	5.577	1.3393	8.3977	1.33745
7700	0.0566	1.6357	4.8133	1.1696	5.629	1.3452	8.4499	1.34318
7800	0.1009	1.6875	4.8216	1.1703	5.679	1.3512	8.5011	1.34889
7900	0.1445	1.7386	4.8297	1.1713	5.730	1.3571	8.5517	1.35461
8000	0.1874	1.7889	4.8377	1.1722	5.782	1.3631	8.6016	1.36031
8100	0.2296	1.8383	4.8455	1.1733	5.833	1.3691	8.6500	1.36597
8200	0.2711	1.8870	4.8532	1.1745	5.885	1.3750	8.6976	1.37161
8300	0.3118	1.9349	4.8608	1.1756	5.936	1.3810	8.7437	1.37720
8400	0.3519	1.9821	4.8682	1.1766	5.987	1.3869	8.7893	1.38277
8500	0.3915	2.0287	4.8756	1.1776	6.038	1.3929	8.8340	1.38831
8600	0.4304	2.0745	4.8828	1.1791	6.090	1.3988	8.8772	1.39380
8700	0.4684	2.1193	4.8898	1.1807	6.143	1.4047	8.9191	1.39922
8800	0.5058	2.1636	4.8968	1.1817	6.194	1.4106	8.9605	1.40464
8900	0.5427	2.2072	4.9037	1.1830	6.245	1.4165	9.0012	1.41000
9000	0.5790	2.2501	4.9104	1.1844	6.297	1.4224	9.0404	1.41531
9100	0.6147	2.2924	4.9171	1.1859	6.349	1.4283	9.0792	1.42062
9200	0.6497	2.3339	4.9236	1.1874	6.401	1.4342	9.1167	1.42583
9300	0.6840	2.3747	4.9300	1.1889	6.453	1.4401	9.1527	1.43096
9400	0.7178	2.4149	4.9364	1.1902	6.504	1.4460	9.1884	1.43609
9500	0.7512	2.4547	4.9425	1.1918	6.556	1.4519	9.2235	1.44117
9600	0.7839	2.4937	4.9488	1.1937	6.609	1.4577	9.2575	1.44619
9700	0.8160	2.5320	4.9548	1.1951	6.661	1.4636	9.2903	1.45114
9800	0.8476	2.5698	4.9608	1.1967	6.713	1.4695	9.3228	1.45607
9900	0.8787	2.6070	4.9666	1.1986	6.766	1.4753	9.3541	1.46091
10000	0.9091	2.6436	4.9724	1.2002	6.818	1.4812	9.3841	1.46567
10100	0.9392	2.6797	4.9781	1.2021	6.871	1.4871	9.4138	1.47040
10200	0.9687	2.7152	4.9837	1.2040	6.924	1.4929	9.4428	1.47507
10300	0.9978	2.7502	4.9893	1.2055	6.976	1.4989	9.4713	1.47972
10400	1.0264	2.7847	4.9947	1.2074	7.030	1.5048	9.4988	1.48429
10500	1.0544	2.8185	5.0001	1.2096	7.083	1.5106	9.5255	1.48879
10600	1.0821	2.8521	5.0054	1.2113	7.136	1.5166	9.5518	1.49326

S/R= 39.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10700	1.1092	2.8850	5.0106	1.2135	7.190	1.5225	9.5774	1.49766
10800	1.1359	2.9175	5.0158	1.2154	7.243	1.5284	9.6018	1.50196
10900	1.1623	2.9495	5.0209	1.2176	7.297	1.5344	9.6263	1.50626
11000	1.1882	2.9811	5.0259	1.2197	7.351	1.5404	9.6500	1.51049
11100	1.2136	3.0121	5.0309	1.2216	7.405	1.5464	9.6727	1.51462
11200	1.2387	3.0428	5.0358	1.2240	7.460	1.5524	9.6956	1.51878
11300	1.2632	3.0728	5.0406	1.2265	7.515	1.5584	9.7168	1.52278
11400	1.2874	3.1025	5.0454	1.2280	7.568	1.5644	9.7381	1.52677
11500	1.3114	3.1320	5.0501	1.2305	7.623	1.5706	9.7593	1.53073
11600	1.3349	3.1609	5.0548	1.2331	7.680	1.5766	9.7792	1.53459
11700	1.3580	3.1895	5.0594	1.2352	7.734	1.5828	9.7990	1.53840
11800	1.3808	3.2176	5.0639	1.2374	7.789	1.5890	9.8184	1.54217
11900	1.4033	3.2455	5.0684	1.2398	7.845	1.5952	9.8379	1.54591
12000	1.4253	3.2728	5.0729	1.2421	7.900	1.6013	9.8559	1.54953
12100	1.4471	3.2999	5.0773	1.2441	7.955	1.6076	9.8740	1.55314
12200	1.4685	3.3266	5.0816	1.2460	8.010	1.6138	9.8916	1.55668
12300	1.4898	3.3531	5.0860	1.2486	8.067	1.6202	9.9094	1.56020
12400	1.5105	3.3790	5.0902	1.2516	8.125	1.6265	9.9259	1.56360
12500	1.5311	3.4048	5.0944	1.2537	8.180	1.6329	9.9429	1.56700
12600	1.5513	3.4302	5.0986	1.2567	8.239	1.6393	9.9593	1.57033
12700	1.5712	3.4552	5.1027	1.2590	8.295	1.6457	9.9754	1.57361
12800	1.5908	3.4799	5.1068	1.2603	8.348	1.6521	9.9909	1.57680
12900	1.6103	3.5045	5.1109	1.2624	8.404	1.6586	10.0066	1.57998
13000	1.6295	3.5287	5.1149	1.2645	8.460	1.6651	10.0221	1.58312
13100	1.6484	3.5527	5.1189	1.2664	8.516	1.6716	10.0371	1.58619
13200	1.6670	3.5763	5.1228	1.2693	8.575	1.6781	10.0517	1.58918
13300	1.6854	3.5996	5.1267	1.2708	8.629	1.6847	10.0664	1.59215
13400	1.7037	3.6229	5.1306	1.2732	8.686	1.6913	10.0811	1.59507
13500	1.7216	3.6457	5.1345	1.2753	8.743	1.6980	10.0954	1.59798
13600	1.7395	3.6685	5.1383	1.2758	8.795	1.7046	10.1097	1.60080
13700	1.7570	3.6909	5.1421	1.2777	8.851	1.7113	10.1242	1.60360
13800	1.7744	3.7131	5.1458	1.2781	8.901	1.7179	10.1384	1.60632
13900	1.7918	3.7354	5.1496	1.2796	8.956	1.7246	10.1530	1.60903
14000	1.8098	3.7571	5.1533	1.2824	9.015	1.7312	10.1669	1.61164
14100	1.8257	3.7788	5.1570	1.2834	9.069	1.7380	10.1809	1.61427
14200	1.8424	3.8003	5.1607	1.2832	9.118	1.7447	10.1952	1.61686
14300	1.8591	3.8216	5.1643	1.2834	9.168	1.7514	10.2091	1.61934
14400	1.8755	3.8428	5.1680	1.2836	9.218	1.7581	10.2235	1.62182
14500	1.8919	3.8638	5.1716	1.2823	9.263	1.7647	10.2378	1.62425
14600	1.9082	3.8846	5.1752	1.2798	9.303	1.7712	10.2521	1.62662
14700	1.9245	3.9055	5.1788	1.2764	9.339	1.7776	10.2675	1.62903
14800	1.9407	3.9262	5.1824	1.2716	9.369	1.7838	10.2825	1.63137
14900	1.9571	3.9470	5.1860	1.2633	9.386	1.7899	10.2990	1.63376
15000	1.9736	3.9678	5.1896	1.2580	9.413	1.7955	10.3158	1.63614

S/R= 39.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	-6.7639	-6.7232	3.0198	1.3985	1.047	1.0000	3.4891	1.00000
400	-6.4503	-6.2847	3.1455	1.3949	1.208	1.0000	3.4952	1.00000
500	-6.2022	-5.9396	3.2440	1.3866	1.346	1.0000	3.5074	1.00000
600	-5.9948	-5.6530	3.3256	1.3764	1.470	1.0000	3.5270	1.00000
700	-5.8139	-5.4052	3.3955	1.3650	1.581	1.0000	3.5515	1.00000
800	-5.6525	-5.1858	3.4572	1.3541	1.683	1.0000	3.5817	1.00000
900	-5.5056	-4.9878	3.5121	1.3441	1.779	1.0000	3.6129	1.00000

S/R= 39.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1000	-5.3709	-4.8073	3.5619	1.3363	1.869	1.0000	3.6467	1.00000
1100	-5.2465	-4.6415	3.6071	1.3283	1.955	1.0000	3.6791	1.00000
1200	-5.1297	-4.4869	3.6488	1.3215	2.036	1.0000	3.7121	1.00000
1300	-5.0208	-4.3433	3.6874	1.3160	2.115	1.0000	3.7452	1.00000
1400	-4.9178	-4.2081	3.7234	1.3084	2.189	1.0000	3.7779	1.00000
1500	-4.8183	-4.0783	3.7574	1.2977	2.256	1.0001	3.8135	1.00010
1600	-4.7217	-3.9536	3.7900	1.2824	2.317	1.0003	3.8537	1.00031
1700	-4.6247	-3.8301	3.8219	1.2610	2.369	1.0008	3.9036	1.00083
1800	-4.5230	-3.7030	3.8542	1.2334	2.412	1.0019	3.9710	1.00195
1900	-4.4117	-3.5674	3.8881	1.2039	2.451	1.0041	4.0573	1.00406
2000	-4.2865	-3.4184	3.9243	1.1774	2.491	1.0076	4.2007	1.00760
2100	-4.1453	-3.2537	3.9631	1.1570	2.537	1.0129	4.3744	1.01288
2200	-3.9890	-3.0742	4.0039	1.1430	2.590	1.0200	4.5870	1.02001
2300	-3.8217	-2.8837	4.0454	1.1344	2.649	1.0288	4.8265	1.02881
2400	-3.6482	-2.6875	4.0863	1.1296	2.714	1.0390	5.0827	1.03897
2500	-3.4736	-2.4906	4.1258	1.1277	2.782	1.0501	5.3439	1.05011
2600	-3.3019	-2.2969	4.1632	1.1279	2.854	1.0619	5.6001	1.06188
2700	-3.1362	-2.1100	4.1980	1.1297	2.927	1.0739	5.8434	1.07393
2800	-2.9784	-1.9316	4.2304	1.1327	3.001	1.0860	6.0709	1.08600
2900	-2.8300	-1.7632	4.2602	1.1366	3.076	1.0979	6.2774	1.09787
3000	-2.6915	-1.6054	4.2875	1.1417	3.152	1.1093	6.4620	1.10933
3100	-2.5639	-1.4594	4.3124	1.1481	3.229	1.1202	6.6228	1.12024
3200	-2.4469	-1.3246	4.3351	1.1554	3.306	1.1305	6.7593	1.13049
3300	-2.3404	-1.2011	4.3556	1.1636	3.383	1.1400	6.8722	1.13995
3400	-2.2438	-1.0883	4.3743	1.1728	3.461	1.1486	6.9634	1.14857
3500	-2.1566	-0.9856	4.3912	1.1828	3.538	1.1563	7.0325	1.15633
3600	-2.0779	-0.8921	4.4066	1.1934	3.615	1.1632	7.0837	1.16321
3700	-2.0068	-0.8068	4.4205	1.2042	3.691	1.1693	7.1175	1.16924
3800	-1.9423	-0.7288	4.4334	1.2146	3.765	1.1745	7.1383	1.17450
3900	-1.8834	-0.6569	4.4452	1.2239	3.836	1.1791	7.1477	1.17907
4000	-1.8288	-0.5899	4.4563	1.2314	3.904	1.1831	7.1487	1.18306
4100	-1.7776	-0.5267	4.4668	1.2368	3.967	1.1866	7.1446	1.18657
4200	-1.7290	-0.4664	4.4768	1.2396	4.025	1.1897	7.1372	1.18971
4300	-1.6821	-0.4082	4.4865	1.2398	4.077	1.1926	7.1295	1.19260
4400	-1.6362	-0.3514	4.4960	1.2376	4.126	1.1954	7.1215	1.19532
4500	-1.5908	-0.2953	4.5055	1.2337	4.170	1.1980	7.1167	1.19795
4600	-1.5454	-0.2394	4.5149	1.2286	4.212	1.2006	7.1142	1.20057
4700	-1.4998	-0.1835	4.5243	1.2225	4.252	1.2033	7.1160	1.20324
4800	-1.4535	-0.1270	4.5339	1.2160	4.290	1.2061	7.1225	1.20601
4900	-1.4065	-0.0700	4.5435	1.2041	4.319	1.2090	7.1344	1.20892
5000	-1.3565	-0.0102	4.5537	1.1979	4.357	1.2119	7.1575	1.21179
5100	-1.3076	0.0484	4.5636	1.1972	4.405	1.2151	7.1792	1.21504
5200	-1.2579	0.1078	4.5737	1.1921	4.444	1.2186	7.2059	1.21848
5300	-1.2074	0.1678	4.5839	1.1871	4.484	1.2222	7.2375	1.22212
5400	-1.1560	0.2287	4.5941	1.1828	4.525	1.2261	7.2735	1.22598
5500	-1.1040	0.2902	4.6045	1.1791	4.568	1.2302	7.3137	1.23004
5600	-1.0514	0.3521	4.6149	1.1756	4.610	1.2345	7.3574	1.23431
5700	-0.9982	0.4146	4.6254	1.1728	4.654	1.2389	7.4043	1.23875
5800	-0.9447	0.4773	4.6358	1.1705	4.699	1.2436	7.4545	1.24340
5900	-0.8908	0.5403	4.6463	1.1684	4.744	1.2484	7.5073	1.24822
6000	-0.8369	0.6032	4.6568	1.1668	4.790	1.2534	7.5617	1.25318
6100	-0.7829	0.6661	4.6672	1.1656	4.837	1.2586	7.6180	1.25827
6200	-0.7292	0.7287	4.6775	1.1648	4.885	1.2638	7.6757	1.26351
6300	-0.6757	0.7911	4.6878	1.1639	4.933	1.2692	7.7345	1.26888
6400	-0.6224	0.8530	4.6979	1.1634	4.982	1.2747	7.7931	1.27430

S/R= 39.4

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6500	-0.5695	0.9146	4.7080	1.1631	5.031	1.2803	7.8531	1.27984
6600	-0.5170	0.9757	4.7179	1.1631	5.081	1.2860	7.9132	1.28547
6700	-0.4651	1.0360	4.7277	1.1628	5.130	1.2917	7.9730	1.29114
6800	-0.4135	1.0960	4.7374	1.1629	5.180	1.2976	8.0329	1.29687
6900	-0.3627	1.1551	4.7469	1.1632	5.230	1.3034	8.0925	1.30265
7000	-0.3122	1.2138	4.7564	1.1636	5.281	1.3094	8.1518	1.30849
7100	-0.2627	1.2714	4.7656	1.1643	5.332	1.3153	8.2104	1.31435
7200	-0.2137	1.3285	4.7747	1.1647	5.383	1.3213	8.2683	1.32021
7300	-0.1656	1.3846	4.7837	1.1651	5.433	1.3273	8.3250	1.32609
7400	-0.1178	1.4402	4.7926	1.1656	5.484	1.3334	8.3815	1.33198
7500	-0.0709	1.4949	4.8012	1.1666	5.536	1.3394	8.4366	1.33784
7600	-0.0247	1.5488	4.8098	1.1677	5.588	1.3454	8.4911	1.34373
7700	0.0206	1.6017	4.8182	1.1686	5.639	1.3515	8.5443	1.34959
7800	0.0653	1.6540	4.8264	1.1693	5.690	1.3575	8.5964	1.35543
7900	0.1093	1.7054	4.8345	1.1703	5.742	1.3636	8.6479	1.36128
8000	0.1526	1.7561	4.8425	1.1714	5.794	1.3697	8.6987	1.36711
8100	0.1951	1.8060	4.8504	1.1724	5.845	1.3758	8.7478	1.37289
8200	0.2369	1.8551	4.8581	1.1736	5.897	1.3818	8.7961	1.37865
8300	0.2780	1.9033	4.8657	1.1747	5.949	1.3879	8.8429	1.38436
8400	0.3184	1.9508	4.8731	1.1757	6.000	1.3939	8.8890	1.39005
8500	0.3583	1.9977	4.8805	1.1768	6.051	1.3999	8.9343	1.39570
8600	0.3974	2.0437	4.8877	1.1783	6.104	1.4059	8.9779	1.40129
8700	0.4357	2.0889	4.8947	1.1799	6.156	1.4119	9.0203	1.40682
8800	0.4734	2.1334	4.9017	1.1809	6.207	1.4179	9.0622	1.41234
8900	0.5105	2.1772	4.9085	1.1821	6.259	1.4239	9.1032	1.41781
9000	0.5470	2.2204	4.9153	1.1836	6.311	1.4299	9.1427	1.42322
9100	0.5828	2.2628	4.9220	1.1851	6.363	1.4359	9.1819	1.42862
9200	0.6180	2.3046	4.9285	1.1866	6.416	1.4418	9.2196	1.43393
9300	0.6526	2.3456	4.9349	1.1880	6.467	1.4477	9.2559	1.43916
9400	0.6865	2.3860	4.9412	1.1894	6.519	1.4536	9.2917	1.44438
9500	0.7201	2.4259	4.9475	1.1909	6.571	1.4596	9.3270	1.44956
9600	0.7530	2.4651	4.9536	1.1929	6.625	1.4655	9.3610	1.45466
9700	0.7852	2.5035	4.9596	1.1944	6.677	1.4714	9.3942	1.45970
9800	0.8170	2.5415	4.9656	1.1958	6.728	1.4773	9.4266	1.46472
9900	0.8481	2.5788	4.9714	1.1976	6.781	1.4832	9.4579	1.46964
10000	0.8787	2.6155	4.9772	1.1991	6.833	1.4890	9.4880	1.47448
10100	0.9089	2.6517	4.9829	1.2011	6.886	1.4949	9.5178	1.47930
10200	0.9385	2.6873	4.9885	1.2030	6.940	1.5008	9.5466	1.48405
10300	0.9677	2.7225	4.9940	1.2046	6.992	1.5067	9.5752	1.48877
10400	0.9964	2.7570	4.9994	1.2068	7.046	1.5127	9.6027	1.49342
10500	1.0245	2.7909	5.0048	1.2084	7.098	1.5185	9.6293	1.49799
10600	1.0523	2.8246	5.0101	1.2102	7.151	1.5245	9.6555	1.50253
10700	1.0795	2.8576	5.0153	1.2122	7.205	1.5304	9.6809	1.50701
10800	1.1063	2.8901	5.0204	1.2141	7.258	1.5363	9.7051	1.51139
10900	1.1328	2.9222	5.0255	1.2163	7.312	1.5422	9.7295	1.51576
11000	1.1587	2.9538	5.0305	1.2186	7.367	1.5482	9.7529	1.52006
11100	1.1842	2.9849	5.0355	1.2206	7.421	1.5541	9.7755	1.52426
11200	1.2094	3.0156	5.0404	1.2227	7.475	1.5602	9.7983	1.52849
11300	1.2339	3.0457	5.0452	1.2249	7.529	1.5661	9.8192	1.53255
11400	1.2582	3.0754	5.0499	1.2264	7.581	1.5721	9.8403	1.53661
11500	1.2823	3.1050	5.0546	1.2288	7.637	1.5781	9.8611	1.54064
11600	1.3057	3.1338	5.0593	1.2313	7.692	1.5841	9.8808	1.54456
11700	1.3290	3.1624	5.0638	1.2335	7.747	1.5902	9.9003	1.54843
11800	1.3518	3.1906	5.0684	1.2358	7.802	1.5963	9.9193	1.55227
11900	1.3743	3.2185	5.0729	1.2382	7.858	1.6025	9.9385	1.55608

S/R= 39.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12000	1.3964	3.2458	5.0773	1.2407	7.914	1.6086	9.9563	1.55976
12100	1.4182	3.2729	5.0817	1.2422	7.967	1.6147	9.9741	1.56343
12200	1.4396	3.2996	5.0860	1.2440	8.020	1.6209	9.9913	1.56703
12300	1.4609	3.3261	5.0903	1.2465	8.077	1.6271	10.0088	1.57061
12400	1.4817	3.3520	5.0945	1.2493	8.134	1.6333	10.0248	1.57407
12500	1.5023	3.3778	5.0987	1.2515	8.190	1.6396	10.0413	1.57753
12600	1.5226	3.4032	5.1028	1.2544	8.248	1.6459	10.0572	1.58092
12700	1.5425	3.4282	5.1070	1.2566	8.304	1.6522	10.0729	1.58426
12800	1.5621	3.4529	5.1110	1.2580	8.357	1.6585	10.0880	1.58751
12900	1.5817	3.4775	5.1151	1.2605	8.414	1.6648	10.1033	1.59074
13000	1.6008	3.5017	5.1191	1.2623	8.469	1.6713	10.1184	1.59394
13100	1.6198	3.5256	5.1230	1.2637	8.522	1.6776	10.1328	1.59707
13200	1.6385	3.5492	5.1269	1.2668	8.581	1.6840	10.1470	1.60012
13300	1.6568	3.5725	5.1308	1.2683	8.635	1.6904	10.1610	1.60315
13400	1.6751	3.5957	5.1346	1.2705	8.692	1.6969	10.1751	1.60612
13500	1.6930	3.6185	5.1385	1.2727	8.748	1.7034	10.1889	1.60909
13600	1.7109	3.6412	5.1423	1.2734	8.800	1.7098	10.2027	1.61197
13700	1.7285	3.6637	5.1460	1.2752	8.855	1.7164	10.2165	1.61482
13800	1.7458	3.6858	5.1498	1.2757	8.906	1.7228	10.2300	1.61760
13900	1.7632	3.7080	5.1535	1.2769	8.959	1.7294	10.2439	1.62037
14000	1.7802	3.7297	5.1572	1.2786	9.014	1.7358	10.2574	1.62303
14100	1.7971	3.7514	5.1608	1.2800	9.068	1.7424	10.2711	1.62572
14200	1.8139	3.7728	5.1645	1.2809	9.121	1.7489	10.2847	1.62837
14300	1.8305	3.7941	5.1681	1.2818	9.173	1.7554	10.2979	1.63091
14400	1.8469	3.8151	5.1717	1.2828	9.226	1.7620	10.3114	1.63345
14500	1.8632	3.8360	5.1752	1.2826	9.274	1.7685	10.3248	1.63592
14600	1.8793	3.8567	5.1788	1.2812	9.318	1.7749	10.3382	1.63835
14700	1.8955	3.8775	5.1824	1.2794	9.360	1.7814	10.3526	1.64080
14800	1.9116	3.8980	5.1859	1.2767	9.398	1.7876	10.3665	1.64317
14900	1.9277	3.9185	5.1895	1.2714	9.427	1.7938	10.3816	1.64558
15000	1.9439	3.9391	5.1930	1.2678	9.460	1.7998	10.3970	1.64796

S/R= 39.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	-6.8508	-6.8101	3.0198	1.3983	1.047	1.0000	3.4891	1.00000
400	-6.5371	-6.3714	3.1455	1.3950	1.208	1.0000	3.4952	1.00000
500	-6.2891	-6.0266	3.2440	1.3867	1.347	1.0000	3.5074	1.00000
600	-6.0817	-5.7400	3.3256	1.3762	1.469	1.0000	3.5270	1.00000
700	-5.9006	-5.4919	3.3955	1.3648	1.581	1.0000	3.5516	1.00000
800	-5.7392	-5.2726	3.4572	1.3543	1.683	1.0000	3.5817	1.00000
900	-5.5926	-5.0748	3.5121	1.3443	1.779	1.0000	3.6129	1.00000
1000	-5.4578	-4.8942	3.5619	1.3363	1.869	1.0000	3.6467	1.00000
1100	-5.3335	-4.7285	3.6071	1.3282	1.955	1.0000	3.6791	1.00000
1200	-5.2165	-4.5737	3.6488	1.3212	2.036	1.0000	3.7122	1.00000
1300	-5.1076	-4.4300	3.6874	1.3162	2.115	1.0000	3.7452	1.00000
1400	-5.0048	-4.2950	3.7234	1.3083	2.188	1.0000	3.7779	1.00000
1500	-4.9050	-4.1650	3.7575	1.2968	2.256	1.0001	3.8140	1.00011
1600	-4.8081	-4.0399	3.7901	1.2808	2.315	1.0003	3.8550	1.00034
1700	-4.7102	-3.9155	3.8223	1.2582	2.366	1.0009	3.9067	1.00092
1800	-4.6069	-3.7868	3.8549	1.2294	2.408	1.0021	3.9777	1.00215
1900	-4.4929	-3.6484	3.8894	1.1992	2.446	1.0045	4.0800	1.00445
2000	-4.3639	-3.4954	3.9265	1.1730	2.487	1.0083	4.2219	1.00829
2100	-4.2179	-3.3258	3.9663	1.1532	2.534	1.0140	4.4061	1.01397
2200	-4.0567	-3.1411	4.0080	1.1400	2.588	1.0215	4.6295	1.02154



S/R= 39.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2300	-3.8846	-2.9458	4.0501	1.1320	2.649	1.0308	4.8794	1.03079
2400	-3.7070	-2.7453	4.0915	1.1278	2.715	1.0414	5.1443	1.04139
2500	-3.5291	-2.5449	4.1313	1.1264	2.784	1.0529	5.4124	1.05292
2600	-3.3547	-2.3485	4.1688	1.1269	2.857	1.0650	5.6738	1.06503
2700	-3.1872	-2.1597	4.2037	1.1290	2.930	1.0774	5.9203	1.07736
2800	-3.0283	-1.9800	4.2360	1.1323	3.006	1.0897	6.1496	1.08965
2900	-2.8793	-1.8110	4.2656	1.1365	3.081	1.1017	6.3564	1.10168
3000	-2.7407	-1.6531	4.2927	1.1420	3.158	1.1132	6.5400	1.11323
3100	-2.6135	-1.5074	4.3173	1.1488	3.236	1.1242	6.6986	1.12418
3200	-2.4972	-1.3735	4.3397	1.1564	3.313	1.1344	6.8318	1.13441
3300	-2.3918	-1.2511	4.3599	1.1651	3.391	1.1438	6.9407	1.14379
3400	-2.2966	-1.1397	4.3783	1.1748	3.469	1.1523	7.0271	1.15228
3500	-2.2110	-1.0386	4.3948	1.1854	3.547	1.1599	7.0912	1.15986
3600	-2.1339	-0.9468	4.4098	1.1964	3.625	1.1665	7.1368	1.16652
3700	-2.0645	-0.8633	4.4234	1.2076	3.701	1.1723	7.1652	1.17233
3800	-2.0014	-0.7869	4.4360	1.2181	3.775	1.1774	7.1812	1.17736
3900	-1.9438	-0.7164	4.4476	1.2273	3.846	1.1817	7.1861	1.18170
4000	-1.8903	-0.6505	4.4584	1.2344	3.912	1.1855	7.1833	1.18548
4100	-1.8400	-0.5882	4.4687	1.2389	3.974	1.1888	7.1763	1.18882
4200	-1.7919	-0.5286	4.4786	1.2407	4.030	1.1918	7.1668	1.19182
4300	-1.7453	-0.4707	4.4882	1.2399	4.081	1.1946	7.1577	1.19459
4400	-1.6995	-0.4140	4.4977	1.2367	4.128	1.1973	7.1492	1.19724
4500	-1.6539	-0.3577	4.5072	1.2320	4.171	1.1999	7.1444	1.19983
4600	-1.6081	-0.3014	4.5166	1.2262	4.211	1.2025	7.1427	1.20245
4700	-1.5619	-0.2449	4.5261	1.2195	4.250	1.2052	7.1457	1.20514
4800	-1.5149	-0.1877	4.5358	1.2127	4.288	1.2080	7.1543	1.20796
4900	-1.4670	-0.1298	4.5456	1.2009	4.317	1.2110	7.1680	1.21095
5000	-1.4159	-0.0689	4.5559	1.1946	4.354	1.2140	7.1936	1.21393
5100	-1.3660	-0.0091	4.5660	1.1936	4.402	1.2174	7.2179	1.21729
5200	-1.3151	0.0514	4.5762	1.1886	4.442	1.2209	7.2476	1.22087
5300	-1.2635	0.1127	4.5865	1.1838	4.483	1.2248	7.2822	1.22466
5400	-1.2109	0.1749	4.5970	1.1796	4.524	1.2288	7.3212	1.22867
5500	-1.1576	0.2376	4.6075	1.1761	4.567	1.2330	7.3646	1.23297
5600	-1.1038	0.3008	4.6181	1.1727	4.610	1.2375	7.4114	1.23734
5700	-1.0493	0.3646	4.6287	1.1701	4.654	1.2421	7.4615	1.24197
5800	-0.9947	0.4285	4.6393	1.1679	4.700	1.2470	7.5145	1.24679
5900	-0.9396	0.4927	4.6500	1.1660	4.746	1.2520	7.5703	1.25179
6000	-0.8846	0.5568	4.6605	1.1645	4.793	1.2572	7.6275	1.25694
6100	-0.8296	0.6208	4.6711	1.1635	4.841	1.2625	7.6864	1.26221
6200	-0.7749	0.6845	4.6815	1.1628	4.889	1.2679	7.7467	1.26764
6300	-0.7203	0.7479	4.6919	1.1620	4.938	1.2735	7.8079	1.27318
6400	-0.6662	0.8108	4.7021	1.1616	4.987	1.2791	7.8689	1.27878
6500	-0.6124	0.8733	4.7122	1.1614	5.036	1.2849	7.9310	1.28448
6600	-0.5590	0.9352	4.7223	1.1615	5.087	1.2908	7.9933	1.29029
6700	-0.5064	0.9964	4.7321	1.1613	5.136	1.2967	8.0550	1.29613
6800	-0.4540	1.0572	4.7419	1.1615	5.187	1.3026	8.1167	1.30202
6900	-0.4025	1.1170	4.7515	1.1618	5.238	1.3087	8.1778	1.30796
7000	-0.3514	1.1764	4.7610	1.1623	5.289	1.3148	8.2389	1.31395
7100	-0.3012	1.2347	4.7703	1.1631	5.341	1.3209	8.2990	1.31997
7200	-0.2517	1.2924	4.7794	1.1636	5.392	1.3270	8.3582	1.32598
7300	-0.2030	1.3491	4.7884	1.1640	5.443	1.3331	8.4163	1.33200
7400	-0.1547	1.4053	4.7973	1.1645	5.494	1.3393	8.4739	1.33804
7500	-0.1073	1.4605	4.8060	1.1656	5.546	1.3455	8.5302	1.34404
7600	-0.0607	1.5149	4.8146	1.1667	5.598	1.3517	8.5858	1.35007
7700	-0.0149	1.5683	4.8230	1.1677	5.650	1.3578	8.6400	1.35606

S/R= 39.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7800	0.0302	1.6210	4.8313	1.1683	5.701	1.3640	8.5930	1.36203
7900	0.0746	1.6728	4.8394	1.1694	5.753	1.3702	8.7453	1.36800
8000	0.1183	1.7239	4.8474	1.1705	5.805	1.3764	8.7968	1.37396
8100	0.1611	1.7741	4.8553	1.1716	5.857	1.3825	8.8467	1.37986
8200	0.2033	1.8236	4.8630	1.1728	5.910	1.3887	8.8957	1.38573
8300	0.2447	1.8721	4.8706	1.1739	5.961	1.3948	8.9431	1.39156
8400	0.2854	1.9200	4.8780	1.1750	6.013	1.4010	8.9897	1.39736
8500	0.3255	1.9671	4.8854	1.1760	6.065	1.4071	9.0355	1.40313
8600	0.3649	2.0135	4.8926	1.1776	6.117	1.4132	9.0797	1.40883
8700	0.4034	2.0589	4.8996	1.1791	6.170	1.4192	9.1225	1.41446
8800	0.4414	2.1036	4.9066	1.1802	6.222	1.4253	9.1647	1.42008
8900	0.4787	2.1477	4.9135	1.1814	6.273	1.4313	9.2061	1.42566
9000	0.5154	2.1910	4.9202	1.1828	6.326	1.4374	9.2459	1.43116
9100	0.5514	2.2337	4.9268	1.1844	6.378	1.4434	9.2852	1.43666
9200	0.5868	2.2757	4.9334	1.1859	6.431	1.4494	9.3233	1.44207
9300	0.6215	2.3168	4.9397	1.1873	6.482	1.4554	9.3597	1.44739
9400	0.6557	2.3574	4.9461	1.1886	6.534	1.4614	9.3958	1.45270
9500	0.6893	2.3974	4.9523	1.1901	6.586	1.4673	9.4312	1.45796
9600	0.7224	2.4368	4.9584	1.1921	6.640	1.4733	9.4654	1.46316
9700	0.7547	2.4754	4.9644	1.1937	6.692	1.4792	9.4985	1.46828
9800	0.7866	2.5135	4.9704	1.1951	6.744	1.4852	9.5311	1.47338
9900	0.8179	2.5509	4.9762	1.1968	6.797	1.4911	9.5625	1.47839
10000	0.8486	2.5877	4.9819	1.1983	6.849	1.4970	9.5926	1.48331
10100	0.8790	2.6241	4.9876	1.2001	6.902	1.5029	9.6223	1.48821
10200	0.9087	2.6597	4.9932	1.2021	6.955	1.5088	9.6511	1.49304
10300	0.9380	2.6950	4.9987	1.2037	7.008	1.5147	9.6796	1.49784
10400	0.9667	2.7296	5.0041	1.2060	7.062	1.5206	9.7070	1.50256
10500	0.9949	2.7636	5.0095	1.2076	7.115	1.5265	9.7335	1.50720
10600	1.0228	2.7973	5.0147	1.2092	7.167	1.5324	9.7596	1.51182
10700	1.0501	2.8304	5.0199	1.2111	7.220	1.5383	9.7848	1.51637
10800	1.0770	2.8630	5.0250	1.2128	7.273	1.5442	9.8089	1.52082
10900	1.1035	2.8951	5.0301	1.2150	7.327	1.5502	9.8331	1.52526
11000	1.1295	2.9268	5.0351	1.2174	7.382	1.5561	9.8564	1.52963
11100	1.1550	2.9579	5.0400	1.2195	7.436	1.5620	9.8788	1.53390
11200	1.1802	2.9887	5.0449	1.2217	7.490	1.5680	9.9013	1.53819
11300	1.2049	3.0188	5.0497	1.2238	7.544	1.5739	9.9220	1.54232
11400	1.2292	3.0486	5.0544	1.2250	7.595	1.5798	9.9429	1.54644
11500	1.2533	3.0781	5.0591	1.2272	7.650	1.5858	9.9635	1.55054
11600	1.2768	3.1070	5.0637	1.2297	7.706	1.5918	9.9827	1.55452
11700	1.3001	3.1356	5.0683	1.2319	7.760	1.5978	10.0020	1.55846
11800	1.3229	3.1638	5.0728	1.2342	7.815	1.6038	10.0207	1.56236
11900	1.3456	3.1918	5.0773	1.2366	7.871	1.6099	10.0394	1.56623
12000	1.3676	3.2191	5.0816	1.2392	7.927	1.6159	10.0569	1.56997
12100	1.3895	3.2462	5.0860	1.2408	7.980	1.6220	10.0744	1.57369
12200	1.4110	3.2728	5.0903	1.2423	8.033	1.6281	10.0913	1.57735
12300	1.4323	3.2993	5.0946	1.2447	8.089	1.6342	10.1083	1.58099
12400	1.4531	3.3253	5.0988	1.2473	8.145	1.6403	10.1239	1.58451
12500	1.4737	3.3510	5.1029	1.2492	8.200	1.6465	10.1400	1.58803
12600	1.4940	3.3764	5.1071	1.2522	8.258	1.6527	10.1555	1.59148
12700	1.5139	3.4014	5.1112	1.2544	8.313	1.6588	10.1707	1.59487
12800	1.5336	3.4261	5.1152	1.2558	8.366	1.6650	10.1852	1.59818
12900	1.5531	3.4506	5.1192	1.2583	8.423	1.6713	10.2000	1.60147
13000	1.5723	3.4748	5.1232	1.2604	8.478	1.6776	10.2148	1.60472
13100	1.5913	3.4987	5.1271	1.2620	8.532	1.6839	10.2288	1.60790
13200	1.6100	3.5223	5.1310	1.2646	8.589	1.6901	10.2424	1.61101

S/R= 39.6

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13300	1.6283	3.5456	5.1348	1.2657	8.642	1.6964	10.2559	1.61409
13400	1.6467	3.5687	5.1387	1.2681	8.698	1.7027	10.2697	1.61713
13500	1.6646	3.5915	5.1424	1.2702	8.754	1.7090	10.2827	1.62014
13600	1.6824	3.6141	5.1462	1.2709	8.805	1.7154	10.2958	1.62307
13700	1.7000	3.6365	5.1499	1.2729	8.861	1.7217	10.3090	1.62598
13800	1.7173	3.6586	5.1536	1.2735	8.911	1.7280	10.3219	1.62881
13900	1.7347	3.6807	5.1573	1.2747	8.965	1.7344	10.3352	1.63164
14000	1.7517	3.7024	5.1610	1.2766	9.020	1.7407	10.3480	1.63436
14100	1.7685	3.7240	5.1646	1.2769	9.070	1.7471	10.3611	1.63710
14200	1.7854	3.7454	5.1682	1.2767	9.118	1.7535	10.3742	1.63981
14300	1.8020	3.7666	5.1718	1.2786	9.173	1.7598	10.3871	1.64241
14400	1.8184	3.7876	5.1754	1.2812	9.231	1.7661	10.3998	1.64500
14500	1.8346	3.8084	5.1789	1.2817	9.281	1.7725	10.4124	1.64753
14600	1.8507	3.8290	5.1824	1.2812	9.328	1.7788	10.4250	1.65001
14700	1.8668	3.8496	5.1850	1.2806	9.374	1.7852	10.4384	1.65251
14800	1.8827	3.8700	5.1894	1.2797	9.419	1.7914	10.4512	1.65492
14900	1.8986	3.8904	5.1929	1.2767	9.456	1.7977	10.4652	1.65736
15000	1.9145	3.9107	5.1964	1.2744	9.496	1.8038	10.4793	1.65975

S/R= 39.8

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	-6.9376	-6.8969	3.0198	1.3983	1.047	1.0000	3.4891	1.00000
400	-6.6239	-6.4582	3.1455	1.3951	1.208	1.0000	3.4952	1.00000
500	-6.3761	-6.1135	3.2440	1.3868	1.347	1.0000	3.5074	1.00000
600	-6.1687	-5.8270	3.3256	1.3760	1.469	1.0000	3.5270	1.00000
700	-5.9874	-5.5787	3.3955	1.3647	1.581	1.0000	3.5516	1.00000
800	-5.8261	-5.3594	3.4572	1.3543	1.683	1.0000	3.5817	1.00000
900	-5.6794	-5.1615	3.5121	1.3445	1.779	1.0000	3.6129	1.00000
1000	-5.5448	-4.9812	3.5519	1.3365	1.869	1.0000	3.6467	1.00000
1100	-5.4204	-4.8154	3.6071	1.3281	1.955	1.0000	3.6791	1.00000
1200	-5.3035	-4.6607	3.6488	1.3210	2.036	1.0000	3.7122	1.00000
1300	-5.1943	-4.5168	3.6874	1.3160	2.115	1.0000	3.7452	1.00000
1400	-5.0915	-4.3818	3.7234	1.3081	2.188	1.0000	3.7779	1.00000
1500	-4.9916	-4.2516	3.7575	1.2961	2.255	1.0001	3.8145	1.00012
1600	-4.8943	-4.1262	3.7903	1.2792	2.314	1.0004	3.8563	1.00038
1700	-4.7955	-4.0008	3.8226	1.2552	2.363	1.0010	3.9101	1.00101
1800	-4.6905	-3.8703	3.8557	1.2252	2.404	1.0024	3.9850	1.00236
1900	-4.5736	-3.7289	3.8909	1.1946	2.442	1.0049	4.0938	1.00488
2000	-4.4405	-3.5717	3.9289	1.1686	2.483	1.0090	4.2447	1.00904
2100	-4.2896	-3.3970	3.9695	1.1495	2.531	1.0151	4.4397	1.01512
2200	-4.1233	-3.2070	4.0121	1.1371	2.587	1.0232	4.6744	1.02316
2300	-3.9464	-3.0068	4.0550	1.1297	2.649	1.0329	4.9345	1.03287
2400	-3.7648	-2.8021	4.0969	1.1261	2.716	1.0439	5.2080	1.04390
2500	-3.5837	-2.5983	4.1369	1.1251	2.787	1.0558	5.4828	1.05581
2600	-3.4069	-2.3994	4.1745	1.1260	2.860	1.0682	5.7490	1.06825
2700	-3.2377	-2.2087	4.2094	1.1284	2.934	1.0808	5.9986	1.08084
2800	-3.0777	-2.0279	4.2416	1.1320	3.010	1.0933	6.2291	1.09334
2900	-2.9282	-1.8584	4.2710	1.1365	3.087	1.1055	6.4359	1.10551
3000	-2.7897	-1.7006	4.2978	1.1423	3.164	1.1171	6.6180	1.11714
3100	-2.6630	-1.5555	4.3222	1.1495	3.242	1.1281	6.7740	1.12811
3200	-2.5477	-1.4225	4.3442	1.1576	3.321	1.1383	6.9036	1.13829
3300	-2.4436	-1.3014	4.3641	1.1668	3.399	1.1476	7.0080	1.14756
3400	-2.3499	-1.1916	4.3821	1.1770	3.478	1.1559	7.0892	1.15590
3500	-2.2659	-1.0923	4.3982	1.1882	3.557	1.1633	7.1477	1.16327

S/R= 39.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3600	-2.1905	-1.0022	4.4129	1.1997	3.635	1.1697	7.1878	1.16972
3700	-2.1227	-0.9205	4.4262	1.2112	3.711	1.1753	7.2107	1.17528
3800	-2.0612	-0.8457	4.4384	1.2217	3.785	1.1801	7.2217	1.18006
3900	-2.0048	-0.7765	4.4497	1.2306	3.855	1.1842	7.2224	1.18419
4000	-1.9524	-0.7117	4.4604	1.2371	3.920	1.1878	7.2160	1.18776
4100	-1.9028	-0.6503	4.4705	1.2408	3.980	1.1909	7.2063	1.19093
4200	-1.8552	-0.5911	4.4803	1.2415	4.035	1.1938	7.1950	1.19380
4300	-1.8087	-0.5335	4.4899	1.2396	4.084	1.1965	7.1849	1.19648
4400	-1.7629	-0.4767	4.4993	1.2355	4.129	1.1991	7.1761	1.19907
4500	-1.7170	-0.4201	4.5088	1.2300	4.170	1.2017	7.1717	1.20164
4600	-1.6707	-0.3634	4.5183	1.2235	4.210	1.2043	7.1710	1.20426
4700	-1.6238	-0.3061	4.5280	1.2163	4.248	1.2070	7.1755	1.20699
4800	-1.5760	-0.2481	4.5377	1.2093	4.285	1.2099	7.1858	1.20988
4900	-1.5271	-0.1892	4.5477	1.1976	4.314	1.2130	7.2022	1.21295
5000	-1.4750	-0.1272	4.5581	1.1912	4.352	1.2161	7.2304	1.21605
5100	-1.4239	-0.0662	4.5684	1.1901	4.400	1.2196	7.2578	1.21954
5200	-1.3718	-0.0044	4.5788	1.1852	4.440	1.2233	7.2904	1.22326
5300	-1.3189	0.0582	4.5893	1.1805	4.481	1.2273	7.3282	1.22722
5400	-1.2651	0.1216	4.5999	1.1765	4.523	1.2315	7.3705	1.23139
5500	-1.2105	0.1857	4.6106	1.1731	4.566	1.2359	7.4170	1.23579
5600	-1.1554	0.2502	4.6213	1.1698	4.610	1.2405	7.4669	1.24041
5700	-1.0998	0.3153	4.6321	1.1674	4.655	1.2454	7.5202	1.24523
5800	-1.0439	0.3804	4.6429	1.1655	4.701	1.2504	7.5763	1.25024
5900	-0.9877	0.4458	4.6537	1.1637	4.748	1.2556	7.6349	1.25542
6000	-0.9316	0.5111	4.6644	1.1624	4.795	1.2610	7.6951	1.26075
6100	-0.8755	0.5763	4.6750	1.1615	4.844	1.2665	7.7567	1.26622
6200	-0.8198	0.6410	4.6856	1.1609	4.893	1.2721	7.8195	1.27182
6300	-0.7643	0.7054	4.6960	1.1602	4.942	1.2778	7.8831	1.27754
6400	-0.7092	0.7693	4.7064	1.1599	4.992	1.2837	7.9464	1.28332
6500	-0.6546	0.8327	4.7166	1.1599	5.042	1.2896	8.0106	1.28920
6600	-0.6004	0.8955	4.7267	1.1600	5.093	1.2956	8.0749	1.29518
6700	-0.5470	0.9575	4.7366	1.1599	5.143	1.3017	8.1385	1.30118
6800	-0.4939	1.0190	4.7464	1.1601	5.194	1.3078	8.2021	1.30724
6900	-0.4417	1.0796	4.7561	1.1605	5.245	1.3140	8.2649	1.31334
7000	-0.3899	1.1396	4.7656	1.1611	5.297	1.3202	8.3274	1.31948
7100	-0.3392	1.1986	4.7753	1.1619	5.349	1.3265	8.3890	1.32565
7200	-0.2890	1.2569	4.7842	1.1625	5.401	1.3327	8.4495	1.33181
7300	-0.2398	1.3142	4.7932	1.1629	5.452	1.3390	8.5090	1.33798
7400	-0.1910	1.3709	4.8021	1.1635	5.504	1.3453	8.5678	1.34415
7500	-0.1431	1.4266	4.8108	1.1647	5.556	1.3516	8.6252	1.35030
7600	-0.0960	1.4815	4.8194	1.1658	5.609	1.3579	8.6817	1.35646
7700	-0.0499	1.5354	4.8278	1.1668	5.661	1.3642	8.7368	1.36258
7800	-0.0044	1.5885	4.8361	1.1675	5.713	1.3705	8.7907	1.36867
7900	0.0404	1.6408	4.8443	1.1686	5.765	1.3768	8.8439	1.37478
8000	0.0844	1.6922	4.8523	1.1697	5.818	1.3831	8.8961	1.38086
8100	0.1277	1.7428	4.8601	1.1708	5.870	1.3894	8.9466	1.38688
8200	0.1701	1.7926	4.8679	1.1720	5.922	1.3956	8.9963	1.39287
8300	0.2118	1.8415	4.8755	1.1732	5.975	1.4018	9.0443	1.39880
8400	0.2528	1.8896	4.8829	1.1742	6.026	1.4081	9.0915	1.40472
8500	0.2932	1.9370	4.8903	1.1752	6.078	1.4143	9.1377	1.41060
8600	0.3328	1.9836	4.8975	1.1769	6.131	1.4205	9.1823	1.41640
8700	0.3716	2.0293	4.9045	1.1785	6.185	1.4266	9.2256	1.42214
8800	0.4097	2.0742	4.9115	1.1795	6.236	1.4327	9.2681	1.42786
8900	0.4473	2.1186	4.9183	1.1806	6.288	1.4389	9.3097	1.43354
9000	0.4842	2.1621	4.9251	1.1821	6.340	1.4449	9.3499	1.43914

S/R= 39.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9100	0.5204	2.2050	4.9317	1.1837	6.393	1.4511	9.3895	1.44474
9200	0.5560	2.2471	4.9382	1.1853	6.446	1.4571	9.4277	1.45024
9300	0.5908	2.2884	4.9446	1.1867	6.498	1.4631	9.4644	1.45564
9400	0.6251	2.3292	4.9509	1.1879	6.550	1.4692	9.5007	1.46104
9500	0.6589	2.3694	4.9571	1.1893	6.602	1.4752	9.5362	1.46640
9600	0.6921	2.4089	4.9632	1.1913	6.656	1.4812	9.5704	1.47168
9700	0.7246	2.4476	4.9692	1.1929	6.708	1.4872	9.5035	1.47689
9800	0.7566	2.4858	4.9751	1.1944	6.761	1.4932	9.6362	1.48207
9900	0.7881	2.5234	4.9810	1.1961	6.813	1.4991	9.6676	1.48716
10000	0.8189	2.5603	4.9867	1.1975	6.865	1.5050	9.6977	1.49215
10100	0.8493	2.5967	4.9923	1.1993	6.918	1.5109	9.7274	1.49713
10200	0.8791	2.6325	4.9979	1.2012	6.971	1.5168	9.7560	1.50204
10300	0.9085	2.6678	5.0034	1.2028	7.024	1.5228	9.7844	1.50691
10400	0.9373	2.7025	5.0088	1.2051	7.078	1.5287	9.8118	1.51171
10500	0.9656	2.7366	5.0141	1.2068	7.131	1.5346	9.8383	1.51643
10600	0.9935	2.7704	5.0194	1.2084	7.183	1.5405	9.8643	1.52111
10700	1.0209	2.8035	5.0246	1.2102	7.236	1.5464	9.8894	1.52573
10800	1.0478	2.8361	5.0296	1.2118	7.289	1.5523	9.9132	1.53025
10900	1.0744	2.8683	5.0347	1.2140	7.343	1.5582	9.9371	1.53476
11000	1.1005	2.9000	5.0397	1.2162	7.397	1.5641	9.9603	1.53919
11100	1.1261	2.9312	5.0446	1.2183	7.451	1.5700	9.9823	1.54353
11200	1.1514	2.9620	5.0494	1.2206	7.506	1.5759	10.0046	1.54789
11300	1.1760	2.9921	5.0542	1.2229	7.560	1.5818	10.0252	1.55208
11400	1.2004	3.0219	5.0589	1.2240	7.611	1.5877	10.0458	1.55626
11500	1.2246	3.0515	5.0636	1.2258	7.665	1.5937	10.0661	1.56042
11600	1.2481	3.0804	5.0681	1.2282	7.720	1.5996	10.0850	1.56446
11700	1.2714	3.1091	5.0727	1.2304	7.774	1.6055	10.1039	1.56846
11800	1.2943	3.1372	5.0772	1.2326	7.829	1.6115	10.1222	1.57242
11900	1.3169	3.1652	5.0816	1.2350	7.884	1.6175	10.1407	1.57635
12000	1.3390	3.1925	5.0860	1.2375	7.940	1.6234	10.1577	1.58015
12100	1.3609	3.2196	5.0903	1.2394	7.994	1.6294	10.1748	1.58393
12200	1.3824	3.2463	5.0946	1.2411	8.047	1.6355	10.1915	1.58765
12300	1.4038	3.2728	5.0989	1.2431	8.102	1.6416	10.2081	1.59134
12400	1.4246	3.2987	5.1030	1.2455	8.157	1.6475	10.2233	1.59491
12500	1.4452	3.3244	5.1072	1.2474	8.211	1.6536	10.2388	1.59849
12600	1.4655	3.3498	5.1113	1.2501	8.268	1.6597	10.2540	1.60199
12700	1.4855	3.3747	5.1153	1.2523	8.323	1.6657	10.2687	1.60544
12800	1.5052	3.3994	5.1193	1.2538	8.376	1.6718	10.2826	1.60881
12900	1.5247	3.4239	5.1233	1.2561	8.432	1.6779	10.2970	1.61215
13000	1.5439	3.4481	5.1273	1.2583	8.487	1.6841	10.3112	1.61546
13100	1.5629	3.4719	5.1312	1.2601	8.542	1.6903	10.3248	1.61869
13200	1.5815	3.4955	5.1350	1.2629	8.599	1.6964	10.3380	1.62185
13300	1.5999	3.5187	5.1388	1.2638	8.651	1.7026	10.3512	1.62498
13400	1.6182	3.5419	5.1426	1.2656	8.705	1.7087	10.3642	1.62807
13500	1.6361	3.5646	5.1464	1.2679	8.761	1.7149	10.3767	1.63113
13600	1.6540	3.5872	5.1501	1.2687	8.812	1.7211	10.3892	1.63412
13700	1.6716	3.6095	5.1538	1.2705	8.867	1.7273	10.4018	1.63708
13800	1.6889	3.6315	5.1575	1.2713	8.918	1.7335	10.4140	1.63996
13900	1.7062	3.6536	5.1612	1.2725	8.971	1.7398	10.4265	1.64285
14000	1.7232	3.6752	5.1648	1.2745	9.026	1.7459	10.4387	1.64561
14100	1.7401	3.6967	5.1684	1.2752	9.076	1.7521	10.4512	1.64841
14200	1.7568	3.7181	5.1720	1.2747	9.123	1.7583	10.4637	1.65117
14300	1.7734	3.7392	5.1755	1.2751	9.173	1.7645	10.4759	1.65382
14400	1.7899	3.7602	5.1791	1.2765	9.225	1.7706	10.4882	1.65647
14500	1.8061	3.7809	5.1825	1.2786	9.281	1.7767	10.5003	1.65906

S/R= 39.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14600	1.8221	3.8215	5.1860	1.2800	9.334	1.7829	10.5122	1.66159
14700	1.8382	3.8220	5.1895	1.2805	9.384	1.7892	10.5247	1.66414
14800	1.8540	3.8422	5.1930	1.2809	9.434	1.7953	10.5367	1.66660
14900	1.8698	3.8625	5.1964	1.2794	9.477	1.8015	10.5496	1.66908
15000	1.8855	3.8826	5.1999	1.2780	9.520	1.8077	10.5626	1.67150

S/R= 40.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
400	-6.7109	-6.5452	3.1455	1.3908	1.206	1.0000	3.4952	1.00000
500	-6.4629	-6.2203	3.2440	1.3867	1.347	1.0000	3.5074	1.00000
600	-6.2555	-5.9138	3.3256	1.3761	1.469	1.0000	3.5270	1.00000
700	-6.0743	-5.6656	3.3955	1.3648	1.581	1.0000	3.5516	1.00000
800	-5.9130	-5.4463	3.4572	1.3541	1.683	1.0000	3.5817	1.00000
900	-5.7661	-5.2483	3.5121	1.3444	1.779	1.0000	3.6129	1.00000
1000	-5.6317	-5.0681	3.5519	1.3365	1.869	1.0000	3.6467	1.00000
1100	-5.5072	-4.9022	3.6071	1.3281	1.955	1.0000	3.6790	1.00000
1200	-5.3904	-4.7477	3.6488	1.3213	2.036	1.0000	3.7122	1.00000
1300	-5.2813	-4.6038	3.6874	1.3157	2.115	1.0000	3.7452	1.00000
1400	-5.1783	-4.4686	3.7234	1.3076	2.188	1.0000	3.7779	1.00000
1500	-5.0782	-4.3382	3.7575	1.2953	2.254	1.0001	3.8150	1.00013
1600	-4.9805	-4.2123	3.7905	1.2774	2.312	1.0004	3.8578	1.00042
1700	-4.8807	-4.0859	3.8231	1.2520	2.361	1.0011	3.9138	1.00112
1800	-4.7738	-3.9535	3.8566	1.2209	2.400	1.0026	3.9931	1.00259
1900	-4.6537	-3.8088	3.8925	1.1899	2.438	1.0053	4.1088	1.00535
2000	-4.5163	-3.6471	3.9314	1.1643	2.480	1.0098	4.2594	1.00985
2100	-4.3604	-3.4672	3.9731	1.1460	2.529	1.0164	4.4756	1.01636
2200	-4.1888	-3.2719	4.0165	1.1343	2.586	1.0249	4.7215	1.02486
2300	-4.0072	-3.0667	4.0600	1.1276	2.649	1.0350	4.9919	1.03503
2400	-3.8216	-2.8578	4.1023	1.1245	2.718	1.0465	5.2738	1.04649
2500	-3.6374	-2.6508	4.1426	1.1239	2.789	1.0588	5.5551	1.05877
2600	-3.4583	-2.4494	4.1803	1.1252	2.863	1.0715	5.8255	1.07153
2700	-3.2875	-2.2571	4.2151	1.1279	2.939	1.0844	6.0778	1.08437
2800	-3.1266	-2.0754	4.2471	1.1318	3.015	1.0971	6.3094	1.09706
2900	-2.9769	-1.9056	4.2764	1.1366	3.092	1.1094	6.5156	1.10935
3000	-2.8386	-1.7480	4.3029	1.1428	3.170	1.1210	6.6960	1.12105
3100	-2.7126	-1.6036	4.3270	1.1503	3.249	1.1320	6.8489	1.13201
3200	-2.5984	-1.4717	4.3487	1.1589	3.328	1.1421	6.9744	1.14212
3300	-2.4957	-1.3521	4.3682	1.1687	3.407	1.1513	7.0739	1.15127
3400	-2.4036	-1.2440	4.3858	1.1795	3.487	1.1594	7.1496	1.15942
3500	-2.3213	-1.1465	4.4015	1.1912	3.566	1.1666	7.2022	1.16657
3600	-2.2477	-1.0583	4.4158	1.2032	3.645	1.1728	7.2365	1.17277
3700	-2.1816	-0.9783	4.4288	1.2149	3.721	1.1781	7.2540	1.17808
3800	-2.1216	-0.9051	4.4407	1.2254	3.795	1.1826	7.2600	1.18262
3900	-2.0664	-0.8372	4.4518	1.2339	3.864	1.1865	7.2566	1.18652
4000	-2.0149	-0.7735	4.4622	1.2395	3.928	1.1899	7.2470	1.18990
4100	-1.9660	-0.7127	4.4722	1.2422	3.986	1.1929	7.2348	1.19291
4200	-1.9189	-0.6540	4.4819	1.2419	4.038	1.1957	7.2219	1.19566
4300	-1.8724	-0.5965	4.4915	1.2389	4.086	1.1983	7.2112	1.19827
4400	-1.8264	-0.5396	4.5009	1.2338	4.129	1.2008	7.2024	1.20081
4500	-1.7801	-0.4826	4.5105	1.2276	4.169	1.2034	7.1987	1.20337
4600	-1.7332	-0.4253	4.5200	1.2204	4.208	1.2061	7.1992	1.20602
4700	-1.6855	-0.3672	4.5298	1.2130	4.245	1.2088	7.2056	1.20881
4800	-1.6368	-0.3082	4.5397	1.2057	4.282	1.2118	7.2182	1.21177
4900	-1.5868	-0.2482	4.5498	1.1941	4.312	1.2150	7.2371	1.21494

S/R= 40.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	4/RT	Z*
5000	-1.5336	-0.1850	4.5604	1.1878	4.350	1.2182	7.2683	1.21818
5100	-1.4813	-0.1228	4.5708	1.1865	4.397	1.2219	7.2987	1.22181
5200	-1.4280	-0.0597	4.5814	1.1817	4.438	1.2257	7.3346	1.22568
5300	-1.3738	0.0042	4.5921	1.1773	4.480	1.2299	7.3756	1.22980
5400	-1.3186	0.0691	4.6029	1.1734	4.522	1.2342	7.4213	1.23415
5500	-1.2628	0.1344	4.6137	1.1702	4.566	1.2388	7.4711	1.23874
5600	-1.2064	0.2003	4.6247	1.1671	4.610	1.2436	7.5243	1.24354
5700	-1.1495	0.2667	4.6356	1.1649	4.656	1.2487	7.5807	1.24854
5800	-1.0924	0.3331	4.6465	1.1631	4.703	1.2539	7.6399	1.25374
5900	-1.0351	0.3997	4.6574	1.1615	4.750	1.2593	7.7015	1.25912
6000	-0.9779	0.4661	4.6683	1.1603	4.799	1.2648	7.7643	1.26463
6100	-0.9207	0.5324	4.6790	1.1596	4.848	1.2705	7.8287	1.27029
6200	-0.8640	0.5982	4.6897	1.1591	4.897	1.2763	7.8941	1.27607
6300	-0.8076	0.6636	4.7003	1.1585	4.947	1.2822	7.9600	1.28197
6400	-0.7516	0.7285	4.7107	1.1583	4.997	1.2882	8.0256	1.28792
6500	-0.6960	0.7928	4.7210	1.1584	5.048	1.2943	8.0920	1.29399
6600	-0.6411	0.8564	4.7311	1.1586	5.099	1.3005	8.1583	1.30013
6700	-0.5869	0.9192	4.7411	1.1586	5.150	1.3068	8.2236	1.30630
6800	-0.5331	0.9815	4.7510	1.1588	5.202	1.3130	8.2890	1.31252
6900	-0.4803	1.0428	4.7607	1.1593	5.253	1.3194	8.3533	1.31878
7000	-0.4279	1.1035	4.7703	1.1600	5.306	1.3258	8.4174	1.32508
7100	-0.3765	1.1632	4.7797	1.1608	5.358	1.3322	8.4804	1.33140
7200	-0.3258	1.2220	4.7889	1.1615	5.410	1.3386	8.5424	1.33771
7300	-0.2760	1.2799	4.7980	1.1620	5.462	1.3450	8.6030	1.34402
7400	-0.2267	1.3372	4.8069	1.1626	5.514	1.3514	8.6630	1.35033
7500	-0.1784	1.3934	4.8156	1.1638	5.567	1.3578	8.7214	1.35661
7600	-0.1309	1.4487	4.8243	1.1649	5.620	1.3643	8.7789	1.36290
7700	-0.0843	1.5030	4.8327	1.1659	5.673	1.3707	8.8349	1.36916
7800	-0.0384	1.5565	4.8410	1.1667	5.724	1.3771	8.8897	1.37538
7900	0.0067	1.6092	4.8491	1.1678	5.777	1.3835	8.9436	1.38161
8000	0.0511	1.6610	4.8572	1.1690	5.830	1.3899	8.9965	1.38780
8100	0.0947	1.7120	4.8650	1.1701	5.883	1.3963	9.0477	1.39394
8200	0.1374	1.7620	4.8728	1.1713	5.935	1.4026	9.0980	1.40005
8300	0.1794	1.8112	4.8803	1.1725	5.988	1.4089	9.1465	1.40610
8400	0.2207	1.8596	4.8878	1.1735	6.040	1.4153	9.1942	1.41212
8500	0.2613	1.9074	4.8951	1.1745	6.092	1.4216	9.2409	1.41811
8600	0.3012	1.9542	4.9023	1.1762	6.146	1.4278	9.2859	1.42402
8700	0.3402	2.0001	4.9094	1.1779	6.199	1.4340	9.3294	1.42985
8800	0.3785	2.0453	4.9163	1.1789	6.251	1.4402	9.3724	1.43567
8900	0.4163	2.0898	4.9232	1.1800	6.303	1.4464	9.4143	1.44145
9000	0.4533	2.1335	4.9299	1.1814	6.355	1.4526	9.4546	1.44715
9100	0.4897	2.1766	4.9365	1.1830	6.408	1.4588	9.4945	1.45284
9200	0.5255	2.2189	4.9430	1.1846	6.461	1.4649	9.5328	1.45843
9300	0.5605	2.2604	4.9494	1.1861	6.514	1.4710	9.5697	1.46393
9400	0.5949	2.3013	4.9557	1.1873	6.566	1.4770	9.6061	1.46941
9500	0.6289	2.3416	4.9619	1.1887	6.618	1.4831	9.6417	1.47485
9600	0.6622	2.3813	4.9680	1.1906	6.671	1.4892	9.6760	1.48022
9700	0.6948	2.4201	4.9740	1.1922	6.724	1.4952	9.7092	1.48551
9800	0.7269	2.4584	4.9799	1.1938	6.777	1.5012	9.7418	1.49078
9900	0.7585	2.4961	4.9857	1.1955	6.830	1.5072	9.7732	1.49594
10000	0.7894	2.5331	4.9914	1.1969	6.882	1.5131	9.8034	1.50101
10100	0.8199	2.5696	4.9970	1.1986	6.934	1.5191	9.8331	1.50607
10200	0.8498	2.6055	5.0025	1.2004	6.988	1.5250	9.8616	1.51105
10300	0.8792	2.6409	5.0080	1.2020	7.040	1.5309	9.8898	1.51600
10400	0.9082	2.6757	5.0134	1.2043	7.095	1.5368	9.9170	1.52087

S/R= 40.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10500	0.9365	2.7098	5.0187	1.2060	7.147	1.5427	9.9433	1.52565
10600	0.9645	2.7436	5.0240	1.2077	7.200	1.5487	9.9692	1.53041
10700	0.9920	2.7768	5.0291	1.2095	7.253	1.5546	9.9942	1.53509
10800	1.0190	2.8095	5.0342	1.2108	7.305	1.5604	10.0179	1.53968
10900	1.0456	2.8417	5.0392	1.2129	7.359	1.5663	10.0417	1.54426
11000	1.0717	2.8735	5.0442	1.2152	7.413	1.5722	10.0644	1.54875
11100	1.0973	2.9046	5.0491	1.2172	7.467	1.5781	10.0863	1.55316
11200	1.1227	2.9355	5.0539	1.2195	7.522	1.5840	10.1082	1.55758
11300	1.1474	2.9657	5.0586	1.2217	7.576	1.5898	10.1285	1.56183
11400	1.1719	2.9955	5.0633	1.2231	7.628	1.5957	10.1488	1.56607
11500	1.1960	3.0251	5.0680	1.2250	7.681	1.6017	10.1689	1.57029
11600	1.2195	3.0540	5.0725	1.2270	7.735	1.6075	10.1877	1.57439
11700	1.2429	3.0826	5.0770	1.2290	7.789	1.6134	10.2060	1.57844
11800	1.2658	3.1108	5.0815	1.2312	7.843	1.6193	10.2241	1.58246
11900	1.2885	3.1388	5.0859	1.2335	7.898	1.6252	10.2421	1.58645
12000	1.3106	3.1661	5.0903	1.2360	7.954	1.6311	10.2587	1.59030
12100	1.3325	3.1932	5.0946	1.2379	8.008	1.6370	10.2754	1.59414
12200	1.3540	3.2198	5.0988	1.2396	8.061	1.6430	10.2916	1.59791
12300	1.3754	3.2463	5.1031	1.2419	8.116	1.6490	10.3079	1.60166
12400	1.3962	3.2722	5.1072	1.2442	8.171	1.6549	10.3229	1.60528
12500	1.4168	3.2979	5.1113	1.2457	8.224	1.6609	10.3380	1.60892
12600	1.4372	3.3233	5.1154	1.2483	8.280	1.6668	10.3525	1.61247
12700	1.4571	3.3482	5.1194	1.2504	8.335	1.6728	10.3668	1.61597
12800	1.4768	3.3729	5.1234	1.2518	8.387	1.6787	10.3804	1.61939
12900	1.4964	3.3973	5.1274	1.2541	8.442	1.6848	10.3942	1.62279
13000	1.5156	3.4215	5.1313	1.2563	8.498	1.6908	10.4078	1.62614
13100	1.5345	3.4453	5.1352	1.2580	8.551	1.6968	10.4209	1.62943
13200	1.5532	3.4688	5.1390	1.2608	8.609	1.7029	10.4335	1.63264
13300	1.5716	3.4920	5.1428	1.2621	8.661	1.7089	10.4462	1.63582
13400	1.5899	3.5151	5.1465	1.2640	8.716	1.7150	10.4588	1.63896
13500	1.6078	3.5378	5.1503	1.2659	8.770	1.7211	10.4708	1.64207
13600	1.6256	3.5603	5.1540	1.2665	8.820	1.7271	10.4828	1.64510
13700	1.6432	3.5826	5.1577	1.2685	8.875	1.7332	10.4947	1.64811
13800	1.6605	3.6046	5.1613	1.2691	8.925	1.7392	10.5064	1.65105
13900	1.6778	3.6266	5.1650	1.2703	8.977	1.7453	10.5184	1.65398
14000	1.6948	3.6481	5.1685	1.2725	9.033	1.7513	10.5297	1.65680
14100	1.7116	3.6696	5.1721	1.2733	9.083	1.7574	10.5415	1.65964
14200	1.7283	3.6909	5.1757	1.2730	9.130	1.7635	10.5533	1.66245
14300	1.7449	3.7119	5.1792	1.2736	9.180	1.7695	10.5647	1.66515
14400	1.7613	3.7328	5.1827	1.2744	9.230	1.7755	10.5763	1.66785
14500	1.7775	3.7535	5.1862	1.2742	9.277	1.7814	10.5880	1.67049
14600	1.7936	3.7740	5.1896	1.2748	9.327	1.7873	10.5995	1.67309
14700	1.8097	3.7945	5.1931	1.2779	9.386	1.7933	10.6114	1.67570
14800	1.8254	3.8146	5.1965	1.2802	9.442	1.7993	10.6226	1.67821
14900	1.8411	3.8347	5.1999	1.2799	9.489	1.8054	10.6346	1.68073
15000	1.8567	3.8547	5.2033	1.2794	9.535	1.8115	10.6466	1.68320

S/R= 40.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
400	-6.7978	-6.6322	3.1455	1.3905	1.206	1.0000	3.4952	1.00000
500	-6.5497	-6.2871	3.2440	1.3865	1.346	1.0000	3.5074	1.00000
600	-6.3423	-6.0005	3.3256	1.3762	1.469	1.0000	3.5270	1.00000
700	-6.1613	-5.7526	3.3955	1.3650	1.581	1.0000	3.5516	1.00000
800	-6.0000	-5.5333	3.4572	1.3541	1.683	1.0000	3.5817	1.00000



S/R= 40.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
900	-5.8530	-5.3352	3.5121	1.3442	1.779	1.0000	3.6129	1.00000
1000	-5.7184	-5.1548	3.5519	1.3362	1.869	1.0000	3.6467	1.00000
1100	-5.5939	-4.9889	3.6071	1.3282	1.955	1.0000	3.6791	1.00000
1200	-5.4772	-4.8345	3.6488	1.3216	2.036	1.0000	3.7122	1.00000
1300	-5.3683	-4.6907	3.6874	1.3159	2.115	1.0000	3.7452	1.00000
1400	-5.2652	-4.5555	3.7234	1.3071	2.188	1.0000	3.7779	1.00000
1500	-5.1648	-4.4248	3.7577	1.2943	2.253	1.0001	3.8156	1.00015
1600	-5.0666	-4.2984	3.7907	1.2754	2.311	1.0005	3.8595	1.00046
1700	-4.9657	-4.1709	3.8235	1.2486	2.357	1.0012	3.9180	1.00123
1800	-4.8567	-4.0363	3.8575	1.2164	2.396	1.0028	4.0019	1.00285
1900	-4.7333	-3.8881	3.8942	1.1852	2.434	1.0059	4.1251	1.00586
2000	-4.5913	-3.7218	3.9341	1.1601	2.476	1.0107	4.2958	1.01071
2100	-4.4301	-3.5364	3.9767	1.1426	2.527	1.0177	4.5136	1.01766
2200	-4.2533	-3.3356	4.0210	1.1317	2.585	1.0266	4.7711	1.02664
2300	-4.0670	-3.1255	4.0652	1.1257	2.650	1.0373	5.0515	1.03728
2400	-3.8775	-2.9126	4.1079	1.1231	2.719	1.0492	5.3416	1.04916
2500	-3.6903	-2.7024	4.1484	1.1229	2.792	1.0618	5.6290	1.06181
2600	-3.5090	-2.4988	4.1861	1.1244	2.867	1.0749	5.9035	1.07487
2700	-3.3369	-2.3050	4.2208	1.1275	2.943	1.0879	6.1580	1.08795
2800	-3.1752	-2.1225	4.2527	1.1316	3.020	1.1008	6.3901	1.10080
2900	-3.0253	-1.9525	4.2817	1.1368	3.098	1.1132	6.5956	1.11321
3000	-2.8874	-1.7953	4.3079	1.1434	3.177	1.1249	6.7736	1.12495
3100	-2.7623	-1.6517	4.3317	1.1514	3.256	1.1359	6.9231	1.13588
3200	-2.6493	-1.5212	4.3530	1.1604	3.336	1.1459	7.0441	1.14590
3300	-2.5481	-1.4032	4.3721	1.1708	3.416	1.1549	7.1382	1.15489
3400	-2.4578	-1.2969	4.3893	1.1822	3.496	1.1628	7.2080	1.16283
3500	-2.3774	-1.2014	4.4047	1.1945	3.576	1.1698	7.2547	1.16975
3600	-2.3056	-1.1151	4.4185	1.2070	3.655	1.1757	7.2829	1.17569
3700	-2.2411	-1.0369	4.4312	1.2187	3.731	1.1808	7.2949	1.18074
3800	-2.1826	-0.9652	4.4429	1.2291	3.804	1.1850	7.2962	1.18504
3900	-2.1286	-0.8986	4.4537	1.2371	3.873	1.1887	7.2888	1.18872
4000	-2.0779	-0.8358	4.4640	1.2417	3.935	1.1919	7.2761	1.19192
4100	-2.0296	-0.7757	4.4738	1.2433	3.991	1.1948	7.2619	1.19478
4200	-1.9826	-0.7172	4.4835	1.2418	4.041	1.1974	7.2478	1.19743
4300	-1.9362	-0.6597	4.4930	1.2377	4.087	1.2000	7.2366	1.19996
4400	-1.8899	-0.6026	4.5025	1.2318	4.128	1.2025	7.2281	1.20248
4500	-1.8432	-0.5451	4.5121	1.2248	4.168	1.2051	7.2255	1.20505
4600	-1.7956	-0.4870	4.5218	1.2172	4.205	1.2078	7.2277	1.20773
4700	-1.7470	-0.4281	4.5316	1.2094	4.242	1.2106	7.2361	1.21059
4800	-1.6972	-0.3680	4.5417	1.2020	4.279	1.2137	7.2512	1.21364
4900	-1.6462	-0.3068	4.5519	1.1906	4.309	1.2170	7.2730	1.21693
5000	-1.5917	-0.2424	4.5627	1.1844	4.347	1.2204	7.3072	1.22030
5100	-1.5381	-0.1789	4.5733	1.1831	4.395	1.2241	7.3408	1.22409
5200	-1.4835	-0.1144	4.5841	1.1784	4.436	1.2282	7.3801	1.22812
5300	-1.4280	-0.0491	4.5950	1.1741	4.478	1.2325	7.4245	1.23242
5400	-1.3715	0.0172	4.6059	1.1705	4.522	1.2370	7.4736	1.23695
5500	-1.3143	0.0839	4.6170	1.1674	4.566	1.2418	7.5269	1.24173
5600	-1.2567	0.1512	4.6281	1.1645	4.611	1.2468	7.5834	1.24672
5700	-1.1985	0.2188	4.6391	1.1625	4.658	1.2520	7.6429	1.25190
5800	-1.1402	0.2865	4.6502	1.1609	4.705	1.2574	7.7052	1.25730
5900	-1.0817	0.3544	4.6613	1.1594	4.753	1.2630	7.7599	1.26288
6000	-1.0234	0.4220	4.6722	1.1583	4.802	1.2687	7.8356	1.26858
6100	-0.9652	0.4893	4.6831	1.1577	4.852	1.2746	7.9024	1.27442
6200	-0.9075	0.5562	4.6939	1.1573	4.902	1.2806	7.9704	1.28039
6300	-0.8501	0.6226	4.7045	1.1569	4.952	1.2867	8.0387	1.28648

S/R= 40.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6400	-0.7932	0.6884	4.7153	1.1568	5.003	1.2929	8.1064	1.29259
6500	-0.7369	0.7536	4.7254	1.1569	5.054	1.2992	8.1753	1.29884
6600	-0.6811	0.8181	4.7356	1.1572	5.106	1.3055	8.2432	1.30515
6700	-0.6262	0.8816	4.7457	1.1573	5.158	1.3119	8.3104	1.31148
6800	-0.5717	0.9447	4.7556	1.1576	5.209	1.3183	8.3774	1.31787
6900	-0.5182	1.0067	4.7654	1.1582	5.262	1.3248	8.4435	1.32429
7000	-0.4652	1.0681	4.7750	1.1589	5.314	1.3314	8.5089	1.33074
7100	-0.4132	1.1283	4.7844	1.1597	5.367	1.3379	8.5734	1.33721
7200	-0.3619	1.1878	4.7937	1.1605	5.420	1.3445	8.6366	1.34366
7300	-0.3117	1.2462	4.8029	1.1611	5.472	1.3510	8.6983	1.35011
7400	-0.2619	1.3039	4.8117	1.1617	5.524	1.3576	8.7594	1.35657
7500	-0.2131	1.3606	4.8205	1.1629	5.578	1.3641	8.8193	1.36298
7600	-0.1652	1.4164	4.8291	1.1641	5.631	1.3707	8.8774	1.36940
7700	-0.1182	1.4711	4.8375	1.1651	5.684	1.3772	8.9341	1.37579
7800	-0.0719	1.5251	4.8458	1.1659	5.736	1.3837	8.9897	1.38213
7900	-0.0264	1.5781	4.8543	1.1671	5.789	1.3902	9.0444	1.38848
8000	0.0183	1.6303	4.8629	1.1682	5.843	1.3968	9.0983	1.39480
8100	0.0621	1.6816	4.8699	1.1694	5.895	1.4032	9.1498	1.40105
8200	0.1052	1.7323	4.8776	1.1706	5.949	1.4097	9.2006	1.40728
8300	0.1474	1.7814	4.8852	1.1719	6.001	1.4161	9.2496	1.41343
8400	0.1889	1.8301	4.8927	1.1729	6.054	1.4225	9.2978	1.41957
8500	0.2298	1.8781	4.9003	1.1739	6.106	1.4289	9.3450	1.42566
8600	0.2699	1.9252	4.9072	1.1756	6.160	1.4352	9.3903	1.43167
8700	0.3091	1.9713	4.9142	1.1772	6.213	1.4415	9.4341	1.43761
8800	0.3477	2.0167	4.9212	1.1783	6.266	1.4478	9.4773	1.44353
8900	0.3856	2.0615	4.9283	1.1795	6.318	1.4541	9.5196	1.44940
9000	0.4228	2.1054	4.9347	1.1809	6.371	1.4603	9.5603	1.45519
9100	0.4594	2.1486	4.9413	1.1824	6.424	1.4665	9.6002	1.46097
9200	0.4953	2.1911	4.9478	1.1840	6.477	1.4727	9.6387	1.46665
9300	0.5305	2.2327	4.9542	1.1855	6.530	1.4788	9.6757	1.47224
9400	0.5650	2.2737	4.9604	1.1868	6.582	1.4850	9.7122	1.47781
9500	0.5991	2.3142	4.9666	1.1881	6.634	1.4911	9.7480	1.48333
9600	0.6326	2.3540	4.9727	1.1899	6.688	1.4972	9.7822	1.48878
9700	0.6653	2.3929	4.9787	1.1916	6.741	1.5032	9.8153	1.49415
9800	0.6975	2.4314	4.9845	1.1931	6.793	1.5093	9.8480	1.49950
9900	0.7292	2.4691	4.9904	1.1949	6.846	1.5153	9.8793	1.50474
10000	0.7602	2.5062	4.9960	1.1964	6.899	1.5213	9.9094	1.50989
10100	0.7908	2.5428	5.0017	1.1980	6.952	1.5272	9.9390	1.51502
10200	0.8207	2.5787	5.0072	1.1997	7.004	1.5332	9.9676	1.52007
10300	0.8503	2.6142	5.0127	1.2013	7.057	1.5391	9.9957	1.52509
10400	0.8793	2.6491	5.0180	1.2035	7.111	1.5451	10.0227	1.53003
10500	0.9076	2.6833	5.0233	1.2052	7.164	1.5510	10.0488	1.53488
10600	0.9357	2.7171	5.0285	1.2069	7.217	1.5569	10.0745	1.53970
10700	0.9632	2.7504	5.0337	1.2088	7.270	1.5628	10.0993	1.54446
10800	0.9903	2.7831	5.0387	1.2102	7.322	1.5686	10.1228	1.54910
10900	1.0169	2.8154	5.0437	1.2121	7.376	1.5745	10.1464	1.55374
11000	1.0431	2.8471	5.0487	1.2142	7.429	1.5804	10.1689	1.55830
11100	1.0688	2.8783	5.0535	1.2162	7.483	1.5862	10.1905	1.56277
11200	1.0942	2.9092	5.0583	1.2184	7.538	1.5921	10.2121	1.56725
11300	1.1189	2.9394	5.0630	1.2207	7.592	1.5979	10.2321	1.57156
11400	1.1433	2.9692	5.0677	1.2221	7.644	1.6038	10.2521	1.57586
11500	1.1676	2.9989	5.0723	1.2242	7.698	1.6097	10.2719	1.58014
11600	1.1911	3.0277	5.0769	1.2261	7.751	1.6155	10.2903	1.58430
11700	1.2145	3.0564	5.0814	1.2279	7.805	1.6213	10.3084	1.58840
11800	1.2374	3.0846	5.0858	1.2299	7.858	1.6272	10.3261	1.59248

S/R= 40.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11900	1.2601	3.1125	5.0902	1.2321	7.913	1.6331	10.3437	1.59652
12000	1.2823	3.1398	5.0945	1.2345	7.968	1.6389	10.3599	1.60042
12100	1.3042	3.1669	5.0988	1.2365	8.022	1.6447	10.3762	1.60432
12200	1.3257	3.1936	5.1031	1.2383	8.075	1.6506	10.3920	1.60814
12300	1.3471	3.2200	5.1073	1.2404	8.129	1.6565	10.4078	1.61195
12400	1.3679	3.2459	5.1114	1.2429	8.185	1.6623	10.4224	1.61562
12500	1.3886	3.2716	5.1155	1.2446	8.238	1.6683	10.4371	1.61930
12600	1.4089	3.2969	5.1195	1.2468	8.293	1.6742	10.4513	1.62290
12700	1.4289	3.3218	5.1235	1.2486	8.346	1.6800	10.4650	1.62646
12800	1.4486	3.3464	5.1275	1.2500	8.399	1.6859	10.4781	1.62992
12900	1.4681	3.3709	5.1314	1.2523	8.454	1.6918	10.4914	1.63337
13000	1.4873	3.3950	5.1353	1.2544	8.508	1.6977	10.5045	1.63677
13100	1.5063	3.4188	5.1392	1.2561	8.562	1.7036	10.5170	1.64011
13200	1.5250	3.4423	5.1430	1.2589	8.619	1.7095	10.5291	1.64336
13300	1.5433	3.4654	5.1467	1.2601	8.671	1.7154	10.5412	1.64660
13400	1.5616	3.4885	5.1505	1.2621	8.725	1.7214	10.5533	1.64978
13500	1.5795	3.5111	5.1542	1.2642	8.780	1.7273	10.5648	1.65293
13600	1.5973	3.5336	5.1579	1.2649	8.830	1.7333	10.5763	1.65601
13700	1.6149	3.5558	5.1615	1.2666	8.884	1.7392	10.5877	1.65907
13800	1.6322	3.5777	5.1651	1.2671	8.933	1.7451	10.5989	1.66205
13900	1.6495	3.5997	5.1687	1.2683	8.985	1.7511	10.6101	1.66503
14000	1.6664	3.6211	5.1723	1.2705	9.040	1.7570	10.6208	1.66790
14100	1.6832	3.6425	5.1758	1.2713	9.090	1.7629	10.6319	1.67079
14200	1.6999	3.6637	5.1794	1.2714	9.138	1.7688	10.6430	1.67364
14300	1.7164	3.6847	5.1828	1.2720	9.188	1.7747	10.6537	1.67639
14400	1.7328	3.7055	5.1863	1.2728	9.238	1.7806	10.6646	1.67914
14500	1.7490	3.7261	5.1898	1.2730	9.286	1.7863	10.6755	1.68183
14600	1.7650	3.7466	5.1932	1.2722	9.330	1.7921	10.6863	1.68447
14700	1.7811	3.7670	5.1966	1.2716	9.375	1.7979	10.6978	1.68713
14800	1.7969	3.7871	5.2000	1.2745	9.432	1.8035	10.7087	1.68972
14900	1.8126	3.8072	5.2034	1.2776	9.491	1.8094	10.7200	1.69230
15000	1.8281	3.8271	5.2067	1.2783	9.541	1.8154	10.7312	1.69481

S/R= 40.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
400	-6.8847	-6.7190	3.1455	1.3905	1.206	1.0000	3.4952	1.00000
500	-6.6365	-6.3739	3.2440	1.3865	1.346	1.0000	3.5074	1.00000
600	-6.4291	-6.0874	3.3256	1.3762	1.469	1.0000	3.5270	1.00000
700	-6.2482	-5.8395	3.3955	1.3649	1.581	1.0000	3.5515	1.00000
800	-6.0868	-5.6201	3.4572	1.3542	1.683	1.0000	3.5817	1.00000
900	-5.9400	-5.4222	3.5121	1.3442	1.779	1.0000	3.6129	1.00000
1000	-5.8052	-5.2416	3.5519	1.3362	1.869	1.0000	3.6467	1.00000
1100	-5.6809	-5.0759	3.5071	1.3282	1.955	1.0000	3.6791	1.00000
1200	-5.5640	-4.9212	3.6488	1.3214	2.036	1.0000	3.7122	1.00000
1300	-5.4551	-4.7776	3.6874	1.3161	2.115	1.0000	3.7452	1.00000
1400	-5.3522	-4.6424	3.7234	1.3068	2.187	1.0000	3.7779	1.00000
1500	-5.2514	-4.5114	3.7577	1.2931	2.252	1.0002	3.8163	1.00017
1600	-5.1526	-4.3844	3.7909	1.2733	2.309	1.0005	3.8613	1.00051
1700	-5.0506	-4.2557	3.8240	1.2450	2.354	1.0014	3.9225	1.00136
1800	-4.9392	-4.1188	3.8586	1.2118	2.392	1.0031	4.0115	1.00313
1900	-4.8122	-3.9668	3.8960	1.1805	2.430	1.0064	4.1427	1.00641
2000	-4.6654	-3.7955	3.9369	1.1560	2.473	1.0116	4.3242	1.01164
2100	-4.4988	-3.6045	3.9806	1.1393	2.525	1.0190	4.5539	1.01905
2200	-4.3167	-3.3982	4.0257	1.1292	2.585	1.0285	4.8229	1.02851

S/R= 40.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2300	-4.1257	-3.1833	4.0704	1.1238	2.651	1.0396	5.1134	1.03961
2400	-3.9325	-2.9664	4.1135	1.1217	2.721	1.0519	5.4114	1.05191
2500	-3.7424	-2.7532	4.1542	1.1219	2.795	1.0649	5.7045	1.06491
2600	-3.5591	-2.5475	4.1919	1.1238	2.870	1.0783	5.9829	1.07827
2700	-3.3857	-2.3524	4.2265	1.1271	2.947	1.0916	6.2391	1.09156
2800	-3.2234	-2.1692	4.2582	1.1316	3.025	1.1046	6.4715	1.10458
2900	-3.0736	-1.9992	4.2869	1.1371	3.104	1.1171	6.6756	1.11707
3000	-2.9362	-1.8426	4.3129	1.1441	3.183	1.1288	6.8509	1.12883
3100	-2.8121	-1.7001	4.3362	1.1525	3.263	1.1397	6.9964	1.13970
3200	-2.7005	-1.5710	4.3572	1.1621	3.344	1.1496	7.1124	1.14960
3300	-2.6010	-1.4548	4.3759	1.1731	3.424	1.1584	7.2009	1.15842
3400	-2.5126	-1.3505	4.3927	1.1852	3.505	1.1662	7.2645	1.16614
3500	-2.4341	-1.2569	4.4077	1.1980	3.586	1.1728	7.3048	1.17280
3600	-2.3641	-1.1726	4.4212	1.2108	3.665	1.1785	7.3270	1.17847
3700	-2.3013	-1.0962	4.4335	1.2228	3.742	1.1833	7.3336	1.18326
3800	-2.2442	-1.0260	4.4449	1.2327	3.814	1.1873	7.3302	1.18730
3900	-2.1913	-0.9605	4.4555	1.2399	3.880	1.1908	7.3191	1.19077
4000	-2.1414	-0.8986	4.4655	1.2436	3.941	1.1938	7.3036	1.19380
4100	-2.0935	-0.8389	4.4754	1.2440	3.995	1.1965	7.2876	1.19653
4200	-2.0467	-0.7807	4.4849	1.2413	4.043	1.1991	7.2725	1.19909
4300	-2.0002	-0.7231	4.4945	1.2362	4.087	1.2016	7.2614	1.20157
4400	-1.9535	-0.6655	4.5043	1.2294	4.127	1.2041	7.2536	1.20408
4500	-1.9061	-0.6074	4.5137	1.2217	4.165	1.2067	7.2523	1.20667
4600	-1.8578	-0.5486	4.5235	1.2137	4.202	1.2094	7.2564	1.20941
4700	-1.8082	-0.4893	4.5335	1.2058	4.239	1.2124	7.2671	1.21234
4800	-1.7573	-0.4275	4.5437	1.1983	4.276	1.2155	7.2850	1.21551
4900	-1.7051	-0.3650	4.5541	1.1871	4.306	1.2190	7.3098	1.21892
5000	-1.6493	-0.2993	4.5651	1.1810	4.345	1.2225	7.3474	1.22245
5100	-1.5944	-0.2343	4.5759	1.1796	4.393	1.2264	7.3844	1.22639
5200	-1.5384	-0.1684	4.5868	1.1751	4.435	1.2307	7.4271	1.23060
5300	-1.4815	-0.1016	4.5979	1.1710	4.477	1.2351	7.4752	1.23508
5400	-1.4236	-0.0340	4.6091	1.1675	4.521	1.2399	7.5276	1.23980
5500	-1.3652	0.0342	4.6203	1.1647	4.566	1.2448	7.5843	1.24477
5600	-1.3062	0.1028	4.6315	1.1621	4.612	1.2500	7.6442	1.24995
5700	-1.2468	0.1717	4.6428	1.1601	4.659	1.2554	7.7070	1.25534
5800	-1.1873	0.2407	4.6540	1.1587	4.708	1.2610	7.7723	1.26092
5900	-1.1276	0.3098	4.6652	1.1573	4.756	1.2668	7.8400	1.26670
6000	-1.0682	0.3785	4.6762	1.1564	4.806	1.2727	7.9084	1.27259
6100	-1.0090	0.4470	4.6872	1.1560	4.856	1.2788	7.9780	1.27862
6200	-0.9502	0.5149	4.6981	1.1557	4.907	1.2850	8.0484	1.28477
6300	-0.8919	0.5823	4.7089	1.1553	4.958	1.2913	8.1191	1.29105
6400	-0.8342	0.6490	4.7194	1.1554	5.009	1.2976	8.1890	1.29734
6500	-0.7770	0.7151	4.7299	1.1555	5.061	1.3040	8.2595	1.30375
6600	-0.7205	0.7804	4.7402	1.1559	5.113	1.3106	8.3297	1.31024
6700	-0.6648	0.8447	4.7503	1.1561	5.165	1.3171	8.3987	1.31673
6800	-0.6096	0.9085	4.7603	1.1565	5.217	1.3237	8.4674	1.32328
6900	-0.5555	0.9712	4.7700	1.1571	5.270	1.3303	8.5349	1.32985
7000	-0.5019	1.0332	4.7797	1.1578	5.323	1.3370	8.6018	1.33646
7100	-0.4493	1.0941	4.7892	1.1587	5.377	1.3437	8.6676	1.34308
7200	-0.3976	1.1541	4.7985	1.1596	5.430	1.3504	8.7321	1.34967
7300	-0.3468	1.2130	4.8075	1.1602	5.482	1.3571	8.7949	1.35627
7400	-0.2965	1.2713	4.8165	1.1608	5.535	1.3638	8.8570	1.36285
7500	-0.2473	1.3284	4.8253	1.1621	5.589	1.3704	8.9174	1.36940
7600	-0.1990	1.3847	4.8339	1.1633	5.643	1.3771	8.9769	1.37596
7700	-0.1516	1.4398	4.8424	1.1644	5.696	1.3838	9.0346	1.38247

S/R= 40.4

T	LOG(RHO)	LOG(P)	LOG(H/2)	GAMMA-E	A/AA	Z	H/RT	Z*
7800	-0.1050	1.4941	4.8507	1.1652	5.749	1.3904	9.0908	1.38894
7900	-0.0592	1.5475	4.8589	1.1664	5.802	1.3970	9.1461	1.39541
8000	-0.0141	1.6001	4.8669	1.1676	5.855	1.4037	9.2005	1.40184
8100	0.0300	1.6516	4.8748	1.1687	5.909	1.4102	9.2528	1.40821
8200	0.0734	1.7023	4.8825	1.1700	5.962	1.4168	9.3042	1.41455
8300	0.1159	1.7521	4.8901	1.1713	6.015	1.4233	9.3537	1.42081
8400	0.1576	1.8010	4.8975	1.1723	6.068	1.4298	9.4023	1.42705
8500	0.1988	1.8493	4.9048	1.1734	6.120	1.4363	9.4498	1.43324
8600	0.2391	1.8966	4.9120	1.1750	6.174	1.4427	9.4954	1.43936
8700	0.2785	1.9429	4.9191	1.1766	6.228	1.4490	9.5396	1.44540
8800	0.3172	1.9885	4.9260	1.1778	6.281	1.4554	9.5831	1.45141
8900	0.3553	2.0335	4.9328	1.1790	6.333	1.4618	9.6256	1.45738
9000	0.3927	2.0775	4.9395	1.1804	6.386	1.4681	9.6664	1.46326
9100	0.4295	2.1210	4.9461	1.1819	6.439	1.4744	9.7066	1.46913
9200	0.4655	2.1636	4.9526	1.1834	6.493	1.4806	9.7453	1.47490
9300	0.5008	2.2053	4.9589	1.1850	6.546	1.4868	9.7822	1.48057
9400	0.5355	2.2465	4.9652	1.1863	6.598	1.4929	9.8187	1.48623
9500	0.5697	2.2871	4.9714	1.1876	6.651	1.4991	9.8546	1.49183
9600	0.6032	2.3270	4.9774	1.1895	6.704	1.5053	9.8890	1.49736
9700	0.6361	2.3660	4.9834	1.1910	6.757	1.5113	9.9221	1.50281
9800	0.6684	2.4046	4.9893	1.1925	6.810	1.5174	9.9547	1.50823
9900	0.7001	2.4424	4.9950	1.1943	6.863	1.5235	9.9859	1.51355
10000	0.7312	2.4796	5.0007	1.1958	6.916	1.5295	10.0159	1.51877
10100	0.7619	2.5163	5.0063	1.1975	6.969	1.5355	10.0454	1.52397
10200	0.7919	2.5523	5.0118	1.1992	7.022	1.5414	10.0739	1.52909
10300	0.8215	2.5878	5.0172	1.2006	7.074	1.5474	10.1019	1.53418
10400	0.8506	2.6227	5.0226	1.2028	7.128	1.5533	10.1288	1.53919
10500	0.8790	2.6570	5.0279	1.2045	7.181	1.5593	10.1546	1.54411
10600	0.9072	2.6909	5.0331	1.2061	7.234	1.5652	10.1801	1.54900
10700	0.9347	2.7242	5.0382	1.2081	7.287	1.5711	10.2047	1.55382
10800	0.9618	2.7569	5.0432	1.2095	7.339	1.5769	10.2280	1.55852
10900	0.9885	2.7892	5.0482	1.2115	7.393	1.5828	10.2513	1.56322
11000	1.0147	2.8210	5.0531	1.2135	7.447	1.5887	10.2737	1.56784
11100	1.0404	2.8522	5.0579	1.2153	7.500	1.5945	10.2949	1.57237
11200	1.0658	2.8831	5.0627	1.2175	7.554	1.6004	10.3162	1.57691
11300	1.0906	2.9133	5.0674	1.2197	7.608	1.6061	10.3359	1.58128
11400	1.1151	2.9432	5.0721	1.2210	7.660	1.6119	10.3555	1.58564
11500	1.1393	2.9728	5.0767	1.2232	7.714	1.6178	10.3749	1.58996
11600	1.1629	3.0017	5.0812	1.2253	7.768	1.6236	10.3931	1.59418
11700	1.1863	3.0303	5.0857	1.2271	7.821	1.6294	10.4109	1.59834
11800	1.2092	3.0585	5.0901	1.2291	7.875	1.6352	10.4282	1.60246
11900	1.2319	3.0864	5.0945	1.2310	7.928	1.6410	10.4455	1.60656
12000	1.2541	3.1137	5.0988	1.2332	7.983	1.6467	10.4613	1.61051
12100	1.2760	3.1408	5.1030	1.2352	8.036	1.6525	10.4771	1.61446
12200	1.2975	3.1674	5.1072	1.2369	8.089	1.6583	10.4924	1.61833
12300	1.3189	3.1939	5.1114	1.2390	8.144	1.6642	10.5077	1.62219
12400	1.3399	3.2197	5.1155	1.2414	8.199	1.6699	10.5219	1.62591
12500	1.3604	3.2454	5.1196	1.2433	8.252	1.6758	10.5361	1.62964
12600	1.3808	3.2707	5.1236	1.2457	8.308	1.6816	10.5503	1.63328
12700	1.4007	3.2956	5.1276	1.2473	8.361	1.6874	10.5632	1.63689
12800	1.4204	3.3201	5.1315	1.2485	8.412	1.6931	10.5758	1.64039
12900	1.4399	3.3445	5.1354	1.2506	8.466	1.6989	10.5886	1.64389
13000	1.4591	3.3686	5.1393	1.2526	8.520	1.7048	10.6012	1.64734
13100	1.4781	3.3923	5.1431	1.2543	8.573	1.7106	10.6131	1.65073
13200	1.4968	3.4158	5.1469	1.2570	8.629	1.7163	10.6248	1.65403

S/R= 40.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13300	1.5151	3.4389	5.1506	1.2583	8.682	1.7221	10.5361	1.65731
13400	1.5334	3.4619	5.1544	1.2603	8.736	1.7280	10.6477	1.66054
13500	1.5513	3.4845	5.1580	1.2623	8.790	1.7338	10.6586	1.66373
13600	1.5691	3.5069	5.1617	1.2633	8.841	1.7396	10.6695	1.66686
13700	1.5866	3.5291	5.1653	1.2650	8.894	1.7455	10.6805	1.66995
13800	1.6039	3.5510	5.1689	1.2654	8.943	1.7512	10.6911	1.67298
13900	1.6212	3.5728	5.1725	1.2664	8.993	1.7571	10.7018	1.67601
14000	1.6381	3.5942	5.1760	1.2687	9.048	1.7628	10.7119	1.67891
14100	1.6549	3.6156	5.1795	1.2696	9.099	1.7686	10.7223	1.68185
14200	1.6715	3.6367	5.1830	1.2696	9.146	1.7744	10.7327	1.68475
14300	1.6880	3.6576	5.1865	1.2704	9.196	1.7801	10.7428	1.68754
14400	1.7043	3.6783	5.1899	1.2714	9.247	1.7858	10.7530	1.69033
14500	1.7204	3.6988	5.1933	1.2717	9.294	1.7915	10.7630	1.69306
14600	1.7364	3.7192	5.1967	1.2710	9.338	1.7971	10.7731	1.69575
14700	1.7524	3.7395	5.2001	1.2708	9.385	1.8028	10.7837	1.69845
14800	1.7682	3.7596	5.2034	1.2707	9.430	1.8083	10.7940	1.70108
14900	1.7839	3.7796	5.2068	1.2686	9.469	1.8138	10.8050	1.70373
15000	1.7997	3.7995	5.2102	1.2673	9.510	1.8193	10.8160	1.70634

S/R= 40.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
400	-6.9714	-6.8058	3.1455	1.3908	1.206	1.0000	3.4952	1.00000
500	-6.7235	-6.4609	3.2440	1.3867	1.347	1.0000	3.5074	1.00000
600	-6.5161	-6.1743	3.3256	1.3761	1.469	1.0000	3.5270	1.00000
700	-6.3349	-5.9262	3.3955	1.3647	1.581	1.0000	3.5515	1.00000
800	-6.1735	-5.7068	3.4572	1.3544	1.683	1.0000	3.5817	1.00000
900	-6.0269	-5.5091	3.5121	1.3444	1.779	1.0000	3.6129	1.00000
1000	-5.8922	-5.3286	3.5619	1.3364	1.869	1.0000	3.6467	1.00000
1100	-5.7679	-5.1628	3.6071	1.3281	1.955	1.0000	3.6791	1.00000
1200	-5.6509	-5.0081	3.6488	1.3210	2.036	1.0000	3.7122	1.00000
1300	-5.5418	-4.8643	3.6874	1.3160	2.115	1.0000	3.7452	1.00000
1400	-5.4390	-4.7293	3.7234	1.3066	2.187	1.0000	3.7779	1.00000
1500	-5.3380	-4.5979	3.7578	1.2919	2.251	1.0002	3.8170	1.00019
1600	-5.2386	-4.4704	3.7911	1.2709	2.307	1.0006	3.8634	1.00056
1700	-5.1352	-4.3403	3.8246	1.2412	2.351	1.0015	3.9275	1.00149
1800	-5.0214	-4.2008	3.8597	1.2071	2.388	1.0034	4.0220	1.00344
1900	-4.8905	-4.0449	3.8980	1.1758	2.425	1.0070	4.1619	1.00700
2000	-4.7386	-3.8683	3.9400	1.1520	2.470	1.0126	4.3545	1.01263
2100	-4.5664	-3.6715	3.9846	1.1362	2.523	1.0205	4.5965	1.02051
2200	-4.3790	-3.4597	4.0306	1.1268	2.585	1.0305	4.8772	1.03045
2300	-4.1835	-3.2400	4.0758	1.1221	2.652	1.0420	5.1775	1.04202
2400	-3.9866	-3.0194	4.1192	1.1204	2.723	1.0547	5.4831	1.05473
2500	-3.7937	-2.8033	4.1600	1.1210	2.798	1.0681	5.7816	1.06808
2600	-3.6085	-2.5956	4.1977	1.1232	2.874	1.0817	6.0632	1.08171
2700	-3.4340	-2.3993	4.2321	1.1268	2.952	1.0952	6.3210	1.09522
2800	-3.2714	-2.2157	4.2636	1.1316	3.030	1.1084	6.5532	1.10837
2900	-3.1217	-2.0459	4.2921	1.1375	3.110	1.1209	6.7555	1.12093
3000	-2.9851	-1.8900	4.3177	1.1449	3.190	1.1327	6.9275	1.13268
3100	-2.8621	-1.7487	4.3407	1.1538	3.270	1.1435	7.0687	1.14348
3200	-2.7521	-1.6212	4.3612	1.1640	3.352	1.1532	7.1793	1.15324
3300	-2.6544	-1.5069	4.3795	1.1756	3.433	1.1618	7.2616	1.16185
3400	-2.5679	-1.4047	4.3959	1.1884	3.515	1.1693	7.3188	1.16932
3500	-2.4914	-1.3132	4.4105	1.2018	3.596	1.1757	7.3525	1.17571
3600	-2.4233	-1.2309	4.4237	1.2149	3.675	1.1811	7.3687	1.18110

S/R= 40.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3700	-2.3622	-1.1562	4.4357	1.2268	3.751	1.1856	7.3699	1.18562
3800	-2.3064	-1.0874	4.4468	1.2363	3.823	1.1894	7.3621	1.18942
3900	-2.2545	-1.0230	4.4572	1.2425	3.888	1.1927	7.3475	1.19270
4000	-2.2053	-0.9618	4.4671	1.2451	3.946	1.1956	7.3297	1.19557
4100	-2.1577	-0.9026	4.4768	1.2442	3.998	1.1982	7.3122	1.19818
4200	-2.1109	-0.8444	4.4864	1.2402	4.044	1.2007	7.2967	1.20066
4300	-2.0642	-0.7866	4.4959	1.2342	4.086	1.2031	7.2857	1.20311
4400	-2.0170	-0.7285	4.5055	1.2267	4.125	1.2056	7.2789	1.20562
4500	-1.9689	-0.6697	4.5153	1.2183	4.162	1.2083	7.2792	1.20825
4600	-1.9197	-0.6099	4.5252	1.2101	4.199	1.2111	7.2855	1.21105
4700	-1.8691	-0.5489	4.5354	1.2020	4.235	1.2141	7.2989	1.21409
4800	-1.8170	-0.4865	4.5457	1.1944	4.272	1.2174	7.3197	1.21737
4900	-1.7634	-0.4227	4.5564	1.1836	4.303	1.2210	7.3478	1.22093
5000	-1.7064	-0.3555	4.5675	1.1777	4.343	1.2247	7.3888	1.22462
5100	-1.6501	-0.2892	4.5785	1.1763	4.390	1.2288	7.4294	1.22873
5200	-1.5927	-0.2218	4.5897	1.1719	4.433	1.2332	7.4757	1.23311
5300	-1.5343	-0.1536	4.6009	1.1680	4.476	1.2378	7.5274	1.23778
5400	-1.4751	-0.0845	4.6123	1.1648	4.521	1.2428	7.5835	1.24270
5500	-1.4153	-0.0149	4.6237	1.1621	4.567	1.2479	7.6437	1.24786
5600	-1.3550	0.0551	4.6351	1.1597	4.613	1.2533	7.7068	1.25325
5700	-1.2943	0.1254	4.6465	1.1579	4.661	1.2589	7.7729	1.25883
5800	-1.2336	0.1956	4.6578	1.1566	4.710	1.2647	7.8414	1.26461
5900	-1.1728	0.2659	4.6691	1.1554	4.759	1.2707	7.9113	1.27058
6000	-1.1123	0.3359	4.6803	1.1546	4.809	1.2768	7.9832	1.27667
6100	-1.0520	0.4054	4.6914	1.1543	4.860	1.2830	8.0553	1.28289
6200	-0.9923	0.4743	4.7024	1.1542	4.912	1.2894	8.1281	1.28923
6300	-0.9331	0.5427	4.7132	1.1539	4.963	1.2959	8.2013	1.29568
6400	-0.8745	0.6103	4.7239	1.1540	5.015	1.3024	8.2732	1.30215
6500	-0.8165	0.6772	4.7344	1.1542	5.068	1.3090	8.3457	1.30874
6600	-0.7592	0.7434	4.7447	1.1547	5.121	1.3157	8.4178	1.31539
6700	-0.7028	0.8085	4.7549	1.1549	5.173	1.3224	8.4885	1.32205
6800	-0.6470	0.8730	4.7649	1.1554	5.226	1.3292	8.5587	1.32875
6900	-0.5922	0.9363	4.7748	1.1561	5.279	1.3359	8.6279	1.33548
7000	-0.5380	0.9990	4.7844	1.1568	5.332	1.3428	8.6961	1.34224
7100	-0.4849	1.0604	4.7939	1.1578	5.386	1.3496	8.7632	1.34901
7200	-0.4326	1.1210	4.8032	1.1587	5.440	1.3564	8.8289	1.35575
7300	-0.3813	1.1804	4.8124	1.1594	5.493	1.3632	8.8928	1.36247
7400	-0.3307	1.2392	4.8213	1.1600	5.546	1.3701	8.9559	1.36920
7500	-0.2810	1.2968	4.8301	1.1613	5.600	1.3769	9.0172	1.37589
7600	-0.2323	1.3534	4.8388	1.1626	5.654	1.3837	9.0775	1.38257
7700	-0.1846	1.4089	4.8472	1.1636	5.708	1.3904	9.1360	1.38920
7800	-0.1376	1.4636	4.8556	1.1645	5.761	1.3972	9.1930	1.39579
7900	-0.0914	1.5174	4.8637	1.1657	5.815	1.4039	9.2489	1.40238
8000	-0.0461	1.5703	4.8718	1.1670	5.868	1.4106	9.3038	1.40893
8100	-0.0017	1.6221	4.8796	1.1681	5.922	1.4173	9.3568	1.41541
8200	0.0420	1.6731	4.8873	1.1693	5.975	1.4240	9.4086	1.42186
8300	0.0847	1.7232	4.8949	1.1707	6.029	1.4305	9.4585	1.42823
8400	0.1267	1.7724	4.9023	1.1718	6.082	1.4371	9.5075	1.43457
8500	0.1681	1.8208	4.9097	1.1729	6.135	1.4437	9.5555	1.44087
8600	0.2086	1.8684	4.9168	1.1745	6.189	1.4502	9.6015	1.44708
8700	0.2482	1.9149	4.9239	1.1761	6.243	1.4566	9.6460	1.45322
8800	0.2871	1.9607	4.9308	1.1773	6.296	1.4631	9.6896	1.45933
8900	0.3254	2.0058	4.9376	1.1785	6.349	1.4695	9.7323	1.46539
9000	0.3629	2.0501	4.9443	1.1799	6.402	1.4759	9.7732	1.47136
9100	0.3998	2.0936	4.9509	1.1814	6.455	1.4822	9.8137	1.47731

S/R= 40.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9200	0.4360	2.1364	4.9573	1.1829	6.508	1.4885	9.8523	1.48317
9300	0.4714	2.1783	4.9637	1.1845	6.562	1.4947	9.8893	1.48893
9400	0.5062	2.2196	4.9699	1.1858	6.615	1.5010	9.9260	1.49467
9500	0.5406	2.2603	4.9761	1.1871	6.667	1.5072	9.9618	1.50035
9600	0.5742	2.3003	4.9821	1.1890	6.721	1.5134	9.9962	1.50596
9700	0.6071	2.3394	4.9880	1.1906	6.774	1.5195	10.0294	1.51148
9800	0.6396	2.3781	4.9939	1.1920	6.827	1.5256	10.0618	1.51697
9900	0.6714	2.4160	4.9997	1.1937	6.880	1.5317	10.0929	1.52237
10000	0.7025	2.4532	5.0053	1.1952	6.933	1.5377	10.1229	1.52767
10100	0.7333	2.4900	5.0109	1.1970	6.986	1.5437	10.1522	1.53293
10200	0.7633	2.5261	5.0164	1.1987	7.039	1.5497	10.1805	1.53812
10300	0.7930	2.5617	5.0218	1.2002	7.092	1.5558	10.2085	1.54328
10400	0.8221	2.5966	5.0271	1.2023	7.146	1.5617	10.2351	1.54835
10500	0.8506	2.6309	5.0324	1.2038	7.198	1.5676	10.2608	1.55334
10600	0.8788	2.6649	5.0376	1.2054	7.251	1.5735	10.2860	1.55829
10700	0.9064	2.6982	5.0427	1.2074	7.305	1.5794	10.3103	1.56317
10800	0.9335	2.7309	5.0477	1.2089	7.357	1.5853	10.3334	1.56793
10900	0.9603	2.7633	5.0526	1.2109	7.411	1.5912	10.3565	1.57270
11000	0.9865	2.7951	5.0575	1.2130	7.465	1.5970	10.3785	1.57737
11100	1.0123	2.8263	5.0623	1.2146	7.517	1.6028	10.3996	1.58196
11200	1.0377	2.8572	5.0671	1.2166	7.571	1.6087	10.4206	1.58654
11300	1.0625	2.8874	5.0718	1.2188	7.625	1.6144	10.4399	1.59097
11400	1.0869	2.9173	5.0764	1.2201	7.677	1.6202	10.4591	1.59538
11500	1.1112	2.9469	5.0810	1.2223	7.731	1.6260	10.4782	1.59977
11600	1.1348	2.9758	5.0855	1.2244	7.785	1.6317	10.4958	1.60403
11700	1.1582	3.0044	5.0899	1.2262	7.838	1.6375	10.5133	1.60824
11800	1.1811	3.0326	5.0943	1.2284	7.892	1.6432	10.5303	1.61241
11900	1.2039	3.0605	5.0987	1.2302	7.945	1.6490	10.5472	1.61656
12000	1.2260	3.0878	5.1030	1.2320	7.998	1.6547	10.5626	1.62056
12100	1.2479	3.1148	5.1072	1.2339	8.052	1.6604	10.5779	1.62456
12200	1.2695	3.1414	5.1114	1.2357	8.105	1.6662	10.5929	1.62848
12300	1.2909	3.1678	5.1155	1.2378	8.159	1.6719	10.6077	1.63238
12400	1.3117	3.1936	5.1196	1.2401	8.213	1.6776	10.6213	1.63615
12500	1.3323	3.2193	5.1237	1.2420	8.267	1.6834	10.6351	1.63993
12600	1.3527	3.2446	5.1277	1.2444	8.322	1.6891	10.6484	1.64362
12700	1.3726	3.2694	5.1316	1.2462	8.375	1.6948	10.6612	1.64727
12800	1.3923	3.2939	5.1355	1.2474	8.426	1.7005	10.6734	1.65081
12900	1.4118	3.3183	5.1394	1.2490	8.479	1.7062	10.6857	1.65435
13000	1.4310	3.3423	5.1432	1.2511	8.533	1.7120	10.6978	1.65785
13100	1.4500	3.3660	5.1470	1.2529	8.586	1.7176	10.7092	1.66128
13200	1.4686	3.3894	5.1508	1.2552	8.641	1.7233	10.7203	1.66462
13300	1.4870	3.4125	5.1545	1.2566	8.693	1.7290	10.7311	1.66795
13400	1.5052	3.4354	5.1582	1.2586	8.747	1.7347	10.7421	1.67122
13500	1.5231	3.4579	5.1618	1.2605	8.800	1.7404	10.7524	1.67445
13600	1.5408	3.4803	5.1655	1.2615	8.851	1.7461	10.7627	1.67762
13700	1.5584	3.5024	5.1691	1.2634	8.905	1.7518	10.7731	1.68076
13800	1.5756	3.5242	5.1726	1.2639	8.953	1.7575	10.7830	1.68382
13900	1.5929	3.5460	5.1762	1.2651	9.004	1.7632	10.7933	1.68689
14000	1.6097	3.5674	5.1797	1.2669	9.058	1.7688	10.8028	1.68984
14100	1.6265	3.5885	5.1832	1.2676	9.107	1.7745	10.8126	1.69282
14200	1.6431	3.6097	5.1866	1.2681	9.155	1.7801	10.8223	1.69576
14300	1.6596	3.6306	5.1900	1.2691	9.206	1.7857	10.8317	1.69860
14400	1.6758	3.6512	5.1934	1.2699	9.255	1.7913	10.8412	1.70143
14500	1.6919	3.6716	5.1968	1.2702	9.303	1.7969	10.8505	1.70420
14600	1.7078	3.6919	5.2002	1.2700	9.348	1.8024	10.8599	1.70693



S/R= 40.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14700	1.7238	3.7121	5.2035	1.2700	9.395	1.8079	10.8698	1.70967
14800	1.7395	3.7320	5.2069	1.2698	9.440	1.8133	10.8792	1.71233
14900	1.7551	3.7520	5.2102	1.2682	9.480	1.8187	10.8894	1.71502
15000	1.7708	3.7718	5.2135	1.2671	9.522	1.8241	10.8995	1.71766

S/R= 40.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
500	-6.8174	-6.5479	3.2440	1.3918	1.344	1.0000	3.5074	1.00000
600	-6.5030	-6.2613	3.3256	1.3759	1.469	1.0000	3.5270	1.00000
700	-6.4217	-6.0130	3.3955	1.3646	1.580	1.0000	3.5516	1.00000
800	-6.2604	-5.7937	3.4572	1.3543	1.683	1.0000	3.5817	1.00000
900	-6.1136	-5.5958	3.5121	1.3446	1.779	1.0000	3.6129	1.00000
1000	-5.9791	-5.4155	3.5619	1.3365	1.869	1.0000	3.6467	1.00000
1100	-5.8547	-5.2497	3.6071	1.3281	1.955	1.0000	3.6791	1.00000
1200	-5.7378	-5.0950	3.6488	1.3209	2.036	1.0000	3.7121	1.00000
1300	-5.6287	-4.9512	3.6874	1.3157	2.115	1.0000	3.7452	1.00000
1400	-5.5258	-4.8161	3.7234	1.3062	2.187	1.0000	3.7779	1.00000
1500	-5.4245	-4.6844	3.7579	1.2907	2.250	1.0002	3.8178	1.00020
1600	-5.3245	-4.5562	3.7913	1.2684	2.304	1.0006	3.8656	1.00062
1700	-5.2196	-4.4246	3.8252	1.2373	2.347	1.0016	3.9329	1.00165
1800	-5.1031	-4.2824	3.8609	1.2023	2.383	1.0038	4.0334	1.00378
1900	-4.9681	-4.1222	3.9002	1.1712	2.421	1.0076	4.1825	1.00764
2000	-4.8109	-3.9401	3.9432	1.1481	2.467	1.0137	4.3869	1.01368
2100	-4.6330	-3.7375	3.9889	1.1332	2.522	1.0220	4.6414	1.02205
2200	-4.4402	-3.5201	4.0356	1.1246	2.585	1.0325	4.9337	1.03249
2300	-4.2402	-3.2957	4.0814	1.1204	2.653	1.0445	5.2437	1.04452
2400	-4.0398	-3.0714	4.1250	1.1192	2.726	1.0576	5.5566	1.05762
2500	-3.8443	-2.8526	4.1658	1.1202	2.801	1.0713	5.8501	1.07131
2600	-3.6574	-2.6431	4.2035	1.1227	2.878	1.0852	6.1448	1.08520
2700	-3.4820	-2.4458	4.2378	1.1266	2.957	1.0989	6.4035	1.09890
2800	-3.3191	-2.2619	4.2690	1.1318	3.036	1.1122	6.6350	1.11217
2900	-3.1697	-2.0924	4.2971	1.1381	3.116	1.1248	6.8351	1.12478
3000	-3.0340	-1.9375	4.3224	1.1459	3.196	1.1365	7.0035	1.13650
3100	-2.9124	-1.7975	4.3450	1.1553	3.278	1.1472	7.1398	1.14720
3200	-2.8041	-1.6718	4.3652	1.1662	3.360	1.1568	7.2446	1.15679
3300	-2.7084	-1.5596	4.3830	1.1785	3.442	1.1652	7.3204	1.16517
3400	-2.6240	-1.4596	4.3990	1.1919	3.525	1.1724	7.3708	1.17238
3500	-2.5495	-1.3703	4.4132	1.2058	3.606	1.1785	7.3980	1.17848
3600	-2.4833	-1.2899	4.4260	1.2192	3.686	1.1836	7.4080	1.18358
3700	-2.4237	-1.2169	4.4377	1.2308	3.761	1.1878	7.4041	1.18784
3800	-2.3691	-1.1494	4.4485	1.2396	3.831	1.1914	7.3920	1.19141
3900	-2.3182	-1.0861	4.4588	1.2448	3.894	1.1945	7.3743	1.19449
4000	-2.2695	-1.0254	4.4686	1.2462	3.950	1.1972	7.3544	1.19722
4100	-2.2222	-0.9665	4.4782	1.2440	4.000	1.1997	7.3358	1.19973
4200	-2.1753	-0.9083	4.4878	1.2388	4.044	1.2022	7.3200	1.20216
4300	-2.1282	-0.8501	4.4974	1.2319	4.085	1.2046	7.3097	1.20459
4400	-2.0805	-0.7914	4.5070	1.2236	4.123	1.2071	7.3042	1.20711
4500	-2.0316	-0.7318	4.5169	1.2148	4.159	1.2098	7.3064	1.20980
4600	-1.9813	-0.6710	4.5270	1.2063	4.195	1.2127	7.3151	1.21268
4700	-1.9296	-0.6087	4.5373	1.1982	4.231	1.2158	7.3314	1.21583
4800	-1.8762	-0.5450	4.5478	1.1906	4.269	1.2193	7.3554	1.21925
4900	-1.8213	-0.4799	4.5587	1.1801	4.300	1.2230	7.3870	1.22295
5000	-1.7629	-0.4112	4.5701	1.1744	4.340	1.2268	7.4316	1.22681
5100	-1.7051	-0.3434	4.5812	1.1730	4.389	1.2311	7.4759	1.23110

S/R= 40.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5200	-1.6463	-0.2745	4.5926	1.1688	4.432	1.2357	7.5263	1.23568
5300	-1.5865	-0.2347	4.6040	1.1651	4.476	1.2406	7.5813	1.24054
5400	-1.5258	-0.1342	4.6155	1.1621	4.521	1.2457	7.6411	1.24566
5500	-1.4646	-0.0631	4.6271	1.1596	4.568	1.2511	7.7048	1.25103
5600	-1.4031	0.0082	4.6387	1.1574	4.615	1.2567	7.7713	1.25661
5700	-1.3411	0.0799	4.6502	1.1558	4.664	1.2625	7.8407	1.26239
5800	-1.2792	0.1514	4.6617	1.1546	4.713	1.2685	7.9122	1.26838
5900	-1.2172	0.2229	4.6732	1.1535	4.763	1.2746	7.9856	1.27454
6000	-1.1556	0.2939	4.6845	1.1529	4.814	1.2810	8.0596	1.28082
6100	-1.0943	0.3646	4.6957	1.1527	4.865	1.2874	8.1344	1.28724
6200	-1.0337	0.4345	4.7067	1.1527	4.917	1.2939	8.2097	1.29375
6300	-0.9735	0.5038	4.7176	1.1525	4.969	1.3006	8.2850	1.30039
6400	-0.9141	0.5723	4.7283	1.1527	5.022	1.3073	8.3591	1.30703
6500	-0.8553	0.6401	4.7389	1.1530	5.075	1.3140	8.4335	1.31380
6600	-0.7973	0.7070	4.7493	1.1535	5.128	1.3209	8.5074	1.32061
6700	-0.7402	0.7729	4.7596	1.1539	5.181	1.3278	8.5799	1.32743
6800	-0.6837	0.8381	4.7696	1.1544	5.234	1.3347	8.6516	1.33430
6900	-0.6283	0.9020	4.7795	1.1551	5.288	1.3416	8.7221	1.34118
7000	-0.5735	0.9653	4.7892	1.1559	5.342	1.3486	8.7918	1.34809
7100	-0.5199	1.0273	4.7987	1.1569	5.396	1.3555	8.8600	1.35500
7200	-0.4671	1.0884	4.8080	1.1579	5.450	1.3625	8.9269	1.36188
7300	-0.4154	1.1483	4.8172	1.1586	5.503	1.3694	8.9918	1.36874
7400	-0.3643	1.2076	4.8262	1.1593	5.557	1.3764	9.0563	1.37560
7500	-0.3143	1.2656	4.8350	1.1606	5.611	1.3833	9.1182	1.38242
7600	-0.2651	1.3227	4.8436	1.1619	5.666	1.3902	9.1792	1.38923
7700	-0.2170	1.3786	4.8521	1.1630	5.720	1.3971	9.2384	1.39598
7800	-0.1697	1.4336	4.8604	1.1639	5.773	1.4040	9.2962	1.40269
7900	-0.1232	1.4877	4.8686	1.1652	5.827	1.4108	9.3528	1.40939
8000	-0.0776	1.5409	4.8766	1.1664	5.881	1.4177	9.4082	1.41606
8100	-0.0329	1.5931	4.8845	1.1676	5.935	1.4244	9.4617	1.42265
8200	0.0110	1.6443	4.8922	1.1688	5.989	1.4312	9.5140	1.42921
8300	0.0540	1.6946	4.8997	1.1701	6.043	1.4379	9.5643	1.43568
8400	0.0962	1.7441	4.9072	1.1713	6.096	1.4445	9.6137	1.44213
8500	0.1377	1.7927	4.9145	1.1724	6.149	1.4512	9.6619	1.44853
8600	0.1785	1.8405	4.9216	1.1740	6.204	1.4578	9.7082	1.45484
8700	0.2182	1.8872	4.9287	1.1756	6.258	1.4643	9.7528	1.46107
8800	0.2573	1.9332	4.9356	1.1768	6.311	1.4708	9.7967	1.46727
8900	0.2958	1.9785	4.9424	1.1780	6.364	1.4773	9.8396	1.47343
9000	0.3335	2.0229	4.9490	1.1795	6.418	1.4837	9.8807	1.47949
9100	0.3705	2.0666	4.9556	1.1810	6.471	1.4901	9.9212	1.48552
9200	0.4068	2.1095	4.9620	1.1825	6.525	1.4965	9.9600	1.49146
9300	0.4423	2.1516	4.9684	1.1841	6.578	1.5028	9.9970	1.49730
9400	0.4773	2.1930	4.9746	1.1854	6.631	1.5091	10.0336	1.50312
9500	0.5117	2.2338	4.9807	1.1867	6.684	1.5153	10.0694	1.50889
9600	0.5454	2.2739	4.9868	1.1885	6.738	1.5216	10.1038	1.51457
9700	0.5784	2.3131	4.9927	1.1902	6.791	1.5277	10.1369	1.52017
9800	0.6110	2.3518	4.9985	1.1916	6.844	1.5339	10.1694	1.52573
9900	0.6428	2.3898	5.0043	1.1933	6.897	1.5400	10.2003	1.53119
10000	0.6741	2.4271	5.0099	1.1947	6.950	1.5460	10.2301	1.53656
10100	0.7049	2.4640	5.0154	1.1965	7.003	1.5521	10.2594	1.54190
10200	0.7350	2.5001	5.0209	1.1982	7.057	1.5581	10.2875	1.54715
10300	0.7648	2.5357	5.0263	1.1998	7.110	1.5641	10.3153	1.55237
10400	0.7939	2.5707	5.0316	1.2018	7.164	1.5701	10.3418	1.55751
10500	0.8224	2.6050	5.0369	1.2033	7.216	1.5760	10.3672	1.56256
10600	0.8507	2.6390	5.0420	1.2048	7.268	1.5819	10.3921	1.56757

S/R= 40.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10700	0.8793	2.6723	5.0471	1.2067	7.322	1.5878	10.4162	1.57251
10800	0.9054	2.7051	5.0521	1.2083	7.375	1.5937	10.4389	1.57733
10900	0.9322	2.7375	5.0570	1.2103	7.428	1.5996	10.4617	1.58215
11000	0.9585	2.7693	5.0619	1.2123	7.482	1.6054	10.4835	1.58688
11100	0.9842	2.8006	5.0667	1.2141	7.535	1.6112	10.5043	1.59152
11200	1.0097	2.8315	5.0714	1.2160	7.589	1.6170	10.5250	1.59616
11300	1.0345	2.8616	5.0761	1.2179	7.642	1.6227	10.5439	1.60064
11400	1.0590	2.8915	5.0807	1.2193	7.694	1.6285	10.5627	1.60511
11500	1.0832	2.9211	5.0852	1.2215	7.748	1.6343	10.5815	1.60954
11600	1.1068	2.9500	5.0897	1.2235	7.801	1.6400	10.5988	1.61386
11700	1.1302	2.9786	5.0941	1.2253	7.855	1.6457	10.6157	1.61812
11800	1.1532	3.0068	5.0985	1.2276	7.909	1.6514	10.6323	1.62234
11900	1.1759	3.0347	5.1029	1.2295	7.962	1.6571	10.6489	1.62653
12000	1.1980	3.0619	5.1071	1.2313	8.015	1.6628	10.6639	1.63057
12100	1.2200	3.0889	5.1113	1.2329	8.068	1.6685	10.6789	1.63461
12200	1.2415	3.1155	5.1155	1.2346	8.120	1.6741	10.6932	1.63858
12300	1.2629	3.1419	5.1196	1.2366	8.174	1.6798	10.7076	1.64253
12400	1.2837	3.1677	5.1236	1.2388	8.228	1.6854	10.7207	1.64634
12500	1.3043	3.1933	5.1277	1.2407	8.281	1.6911	10.7340	1.65016
12600	1.3247	3.2185	5.1317	1.2431	8.337	1.6967	10.7468	1.65390
12700	1.3446	3.2433	5.1356	1.2450	8.390	1.7024	10.7592	1.65759
12800	1.3642	3.2678	5.1395	1.2463	8.441	1.7080	10.7708	1.66117
12900	1.3838	3.2921	5.1433	1.2481	8.494	1.7136	10.7827	1.66475
13000	1.4029	3.3161	5.1471	1.2500	8.547	1.7193	10.7943	1.66829
13100	1.4219	3.3397	5.1509	1.2514	8.599	1.7249	10.8051	1.67176
13200	1.4405	3.3631	5.1546	1.2537	8.654	1.7304	10.8156	1.67515
13300	1.4588	3.3861	5.1583	1.2551	8.705	1.7360	10.8259	1.67851
13400	1.4771	3.4090	5.1620	1.2569	8.758	1.7416	10.8363	1.68182
13500	1.4949	3.4314	5.1656	1.2588	8.811	1.7472	10.8459	1.68509
13600	1.5126	3.4537	5.1692	1.2600	8.862	1.7528	10.8558	1.68830
13700	1.5301	3.4758	5.1728	1.2618	8.915	1.7583	10.8654	1.69148
13800	1.5474	3.4976	5.1763	1.2623	8.964	1.7639	10.8748	1.69458
13900	1.5646	3.5193	5.1798	1.2634	9.014	1.7695	10.8845	1.69769
14000	1.5814	3.5406	5.1833	1.2654	9.068	1.7750	10.8934	1.70068
14100	1.5981	3.5618	5.1868	1.2662	9.117	1.7805	10.9027	1.70370
14200	1.6147	3.5828	5.1902	1.2664	9.165	1.7861	10.9118	1.70667
14300	1.6311	3.6035	5.1936	1.2675	9.215	1.7915	10.9204	1.70955
14400	1.6473	3.6241	5.1970	1.2686	9.265	1.7970	10.9293	1.71242
14500	1.6634	3.6444	5.2003	1.2690	9.313	1.8024	10.9380	1.71523
14600	1.6793	3.6646	5.2035	1.2687	9.357	1.8078	10.9465	1.71799
14700	1.6951	3.6847	5.2070	1.2689	9.404	1.8132	10.9557	1.72077
14800	1.7108	3.7046	5.2102	1.2690	9.450	1.8185	10.9643	1.72347
14900	1.7264	3.7244	5.2135	1.2677	9.491	1.8238	10.9737	1.72620
15000	1.7419	3.7441	5.2168	1.2668	9.533	1.8290	10.9830	1.72888

S/R= 41.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
500	-6.8973	-6.6347	3.2440	1.3817	1.344	1.0000	3.5074	1.00000
600	-6.6898	-6.3481	3.3256	1.3761	1.469	1.0000	3.5270	1.00000
700	-6.5087	-6.1000	3.3955	1.3648	1.581	1.0000	3.5515	1.00000
800	-6.3474	-5.8807	3.4572	1.3540	1.683	1.0000	3.5817	1.00000
900	-6.2004	-5.6826	3.5121	1.3444	1.779	1.0000	3.6129	1.00000
1000	-6.0659	-5.5023	3.5619	1.3365	1.869	1.0000	3.6467	1.00000
1100	-5.9414	-5.3364	3.6071	1.3282	1.955	1.0000	3.6791	1.00000

S/R= 41.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1200	-5.8247	-5.1819	3.6488	1.3213	2.036	1.0000	3.7122	1.00000
1300	-5.7157	-5.0381	3.6874	1.3155	2.115	1.0000	3.7452	1.00000
1400	-5.6126	-4.9029	3.7234	1.3054	2.186	1.0000	3.7779	1.00000
1500	-5.5110	-4.7709	3.7580	1.2894	2.249	1.0002	3.8186	1.00023
1600	-5.4102	-4.6419	3.7916	1.2658	2.302	1.0007	3.8681	1.00069
1700	-5.3038	-4.5087	3.8258	1.2332	2.344	1.0018	3.9389	1.00181
1800	-5.1844	-4.3635	3.8623	1.1975	2.379	1.0041	4.0459	1.00414
1900	-5.0450	-4.1988	3.9025	1.1666	2.418	1.0083	4.2049	1.00833
2000	-4.8822	-4.0110	3.9466	1.1444	2.465	1.0148	4.4214	1.01481
2100	-4.6986	-3.8023	3.9933	1.1304	2.521	1.0237	4.6887	1.02367
2200	-4.5005	-3.5794	4.0407	1.1226	2.585	1.0346	4.9926	1.03461
2300	-4.2960	-3.3504	4.0870	1.1189	2.655	1.0471	5.3119	1.04709
2400	-4.0921	-3.1225	4.1309	1.1182	2.728	1.0606	5.6319	1.06059
2500	-3.8943	-2.9012	4.1717	1.1194	2.804	1.0746	5.9400	1.07460
2600	-3.7059	-2.6901	4.2093	1.1223	2.882	1.0887	6.2272	1.08874
2700	-3.5296	-2.4919	4.2434	1.1265	2.961	1.1026	6.4867	1.10261
2800	-3.3666	-2.3079	4.2743	1.1320	3.041	1.1160	6.7170	1.11598
2900	-3.2177	-2.1389	4.3022	1.1387	3.122	1.1286	6.9144	1.12861
3000	-3.0831	-1.9851	4.3271	1.1470	3.203	1.1403	7.0786	1.14028
3100	-2.9630	-1.8468	4.3493	1.1570	3.285	1.1509	7.2096	1.15086
3200	-2.8566	-1.7230	4.3690	1.1685	3.368	1.1603	7.3081	1.16025
3300	-2.7629	-1.6130	4.3864	1.1816	3.452	1.1684	7.3770	1.16838
3400	-2.6807	-1.5152	4.4019	1.1956	3.535	1.1753	7.4204	1.17531
3500	-2.6083	-1.4281	4.4157	1.2100	3.617	1.1811	7.4409	1.18111
3600	-2.5439	-1.3497	4.4282	1.2235	3.696	1.1859	7.4450	1.18592
3700	-2.4859	-1.2783	4.4395	1.2348	3.770	1.1899	7.4359	1.18991
3800	-2.4325	-1.2121	4.4502	1.2427	3.839	1.1933	7.4201	1.19326
3900	-2.3823	-1.1496	4.4503	1.2467	3.900	1.1962	7.3995	1.19617
4000	-2.3341	-1.0894	4.4500	1.2467	3.954	1.1988	7.3779	1.19876
4100	-2.2869	-1.0306	4.4496	1.2433	4.001	1.2012	7.3585	1.20120
4200	-2.2398	-0.9722	4.4489	1.2370	4.044	1.2036	7.3429	1.20358
4300	-2.1922	-0.9136	4.4488	1.2291	4.083	1.2060	7.3335	1.20601
4400	-2.1438	-0.8542	4.45085	1.2203	4.119	1.2086	7.3297	1.20857
4500	-2.0939	-0.7936	4.45185	1.2111	4.155	1.2113	7.3341	1.21132
4600	-2.0426	-0.7317	4.45288	1.2025	4.191	1.2143	7.3455	1.21431
4700	-1.9896	-0.6682	4.45393	1.1943	4.228	1.2176	7.3649	1.21757
4800	-1.9349	-0.6031	4.45500	1.1869	4.265	1.2211	7.3923	1.22113
4900	-1.8786	-0.5364	4.45610	1.1766	4.298	1.2250	7.4275	1.22500
5000	-1.8187	-0.4663	4.45726	1.1711	4.338	1.2291	7.4759	1.22904
5100	-1.7595	-0.3969	4.45840	1.1698	4.387	1.2336	7.5240	1.23352
5200	-1.6992	-0.3265	4.45956	1.1658	4.431	1.2383	7.5779	1.23829
5300	-1.6379	-0.2552	4.46072	1.1623	4.476	1.2434	7.6371	1.24335
5400	-1.5758	-0.1831	4.46189	1.1595	4.522	1.2487	7.7004	1.24867
5500	-1.5132	-0.1106	4.46307	1.1572	4.569	1.2543	7.7678	1.25425
5600	-1.4503	-0.0379	4.46424	1.1552	4.617	1.2601	7.8377	1.26004
5700	-1.3871	0.0351	4.46541	1.1538	4.666	1.2661	7.9102	1.26602
5800	-1.3240	0.1078	4.46657	1.1527	4.716	1.2723	7.9849	1.27221
5900	-1.2609	0.1805	4.46773	1.1518	4.767	1.2787	8.0612	1.27857
6000	-1.1983	0.2527	4.46887	1.1513	4.818	1.2852	8.1379	1.28504
6100	-1.1359	0.3244	4.47000	1.1512	4.870	1.2918	8.2152	1.29165
6200	-1.0743	0.3954	4.47111	1.1512	4.923	1.2985	8.2928	1.29835
6300	-1.0133	0.4656	4.47221	1.1512	4.975	1.3053	8.3704	1.30516
6400	-0.9530	0.5350	4.47329	1.1514	5.029	1.3122	8.4466	1.31199
6500	-0.8935	0.6036	4.47435	1.1518	5.082	1.3191	8.5229	1.31892
6600	-0.8347	0.6713	4.47540	1.1524	5.136	1.3262	8.5985	1.32590

S/R= 41.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6700	-0.7770	0.7378	4.7642	1.1528	5.189	1.3332	8.6726	1.33288
6800	-0.7198	0.8037	4.7743	1.1534	5.243	1.3402	8.7459	1.33990
6900	-0.6639	0.8583	4.7842	1.1542	5.297	1.3473	8.8178	1.34693
7000	-0.6085	0.9322	4.7939	1.1551	5.351	1.3544	8.8888	1.35399
7100	-0.5544	0.9947	4.8035	1.1560	5.406	1.3616	8.9583	1.36104
7200	-0.5011	1.0564	4.8128	1.1571	5.460	1.3686	9.0261	1.36807
7300	-0.4489	1.1168	4.8220	1.1579	5.514	1.3757	9.0921	1.37507
7400	-0.3974	1.1764	4.8310	1.1586	5.568	1.3828	9.1572	1.38206
7500	-0.3470	1.2349	4.8398	1.1599	5.623	1.3898	9.2203	1.38900
7600	-0.2975	1.2924	4.8485	1.1613	5.678	1.3969	9.2821	1.39594
7700	-0.2490	1.3486	4.8569	1.1623	5.732	1.4039	9.3419	1.40281
7800	-0.2014	1.4040	4.8652	1.1633	5.786	1.4108	9.4004	1.40964
7900	-0.1546	1.4585	4.8734	1.1646	5.840	1.4178	9.4575	1.41646
8000	-0.1087	1.5120	4.8814	1.1658	5.895	1.4247	9.5135	1.42324
8100	-0.0638	1.5644	4.8893	1.1671	5.949	1.4316	9.5674	1.42994
8200	-0.0196	1.6159	4.8970	1.1683	6.003	1.4384	9.6202	1.43660
8300	0.0236	1.6665	4.9045	1.1696	6.057	1.4452	9.6709	1.44318
8400	0.0660	1.7161	4.9120	1.1708	6.111	1.4520	9.7205	1.44973
8500	0.1078	1.7650	4.9193	1.1719	6.164	1.4587	9.7691	1.45622
8600	0.1487	1.8130	4.9264	1.1736	6.219	1.4654	9.8156	1.46263
8700	0.1886	1.8599	4.9334	1.1752	6.273	1.4720	9.8606	1.46895
8800	0.2279	1.9060	4.9403	1.1763	6.326	1.4786	9.9046	1.47524
8900	0.2665	1.9515	4.9471	1.1776	6.380	1.4851	9.9476	1.48149
9000	0.3043	1.9961	4.9538	1.1791	6.434	1.4916	9.9887	1.48763
9100	0.3415	2.0399	4.9603	1.1806	6.487	1.4981	10.0292	1.49376
9200	0.3779	2.0829	4.9667	1.1821	6.541	1.5045	10.0682	1.49978
9300	0.4135	2.1251	4.9730	1.1837	6.595	1.5109	10.1052	1.50570
9400	0.4486	2.1666	4.9792	1.1849	6.648	1.5172	10.1418	1.51159
9500	0.4831	2.2075	4.9854	1.1862	6.700	1.5235	10.1776	1.51744
9600	0.5169	2.2477	4.9914	1.1881	6.755	1.5298	10.2118	1.52319
9700	0.5500	2.2870	4.9973	1.1898	6.809	1.5360	10.2449	1.52886
9800	0.5826	2.3258	5.0031	1.1913	6.862	1.5422	10.2773	1.53449
9900	0.6145	2.3639	5.0088	1.1929	6.915	1.5483	10.3082	1.54003
10000	0.6458	2.4012	5.0144	1.1942	6.967	1.5544	10.3378	1.54546
10100	0.6767	2.4381	5.0200	1.1960	7.021	1.5605	10.3668	1.55087
10200	0.7069	2.4743	5.0254	1.1977	7.074	1.5665	10.3947	1.55618
10300	0.7367	2.5100	5.0308	1.1993	7.127	1.5725	10.4223	1.56147
10400	0.7659	2.5450	5.0361	1.2015	7.182	1.5785	10.4485	1.56666
10500	0.7944	2.5794	5.0413	1.2029	7.234	1.5845	10.4738	1.57177
10600	0.8227	2.6134	5.0464	1.2043	7.286	1.5904	10.4985	1.57684
10700	0.8504	2.6467	5.0515	1.2062	7.340	1.5963	10.5222	1.58184
10800	0.8775	2.6795	5.0565	1.2077	7.392	1.6021	10.5447	1.58672
10900	0.9043	2.7119	5.0614	1.2098	7.446	1.6080	10.5671	1.59159
11000	0.9306	2.7437	5.0662	1.2118	7.500	1.6138	10.5885	1.59638
11100	0.9564	2.7749	5.0710	1.2135	7.553	1.6196	10.6090	1.60107
11200	0.9818	2.8058	5.0757	1.2155	7.607	1.6254	10.6294	1.60576
11300	1.0066	2.8360	5.0803	1.2174	7.660	1.6311	10.6480	1.61028
11400	1.0311	2.8659	5.0849	1.2186	7.711	1.6368	10.6665	1.61480
11500	1.0554	2.8955	5.0895	1.2207	7.765	1.6426	10.6848	1.61928
11600	1.0790	2.9243	5.0939	1.2228	7.819	1.6482	10.7015	1.62365
11700	1.1024	2.9529	5.0983	1.2245	7.871	1.6539	10.7181	1.62795
11800	1.1253	2.9811	5.1027	1.2266	7.926	1.6596	10.7343	1.63222
11900	1.1480	3.0089	5.1070	1.2286	7.979	1.6653	10.7504	1.63646
12000	1.1702	3.0361	5.1112	1.2306	8.033	1.6709	10.7650	1.64054
12100	1.1921	3.0631	5.1154	1.2323	8.085	1.6765	10.7796	1.64462

S/R= 41.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12200	1.2136	3.0897	5.1195	1.2338	8.137	1.6821	10.7935	1.64863
12300	1.2350	3.1160	5.1236	1.2356	8.190	1.6878	10.8074	1.65262
12400	1.2558	3.1418	5.1277	1.2377	8.244	1.6933	10.8200	1.65648
12500	1.2764	3.1673	5.1317	1.2396	8.297	1.6989	10.8328	1.66034
12600	1.2967	3.1925	5.1356	1.2419	8.351	1.7045	10.8451	1.66411
12700	1.3166	3.2173	5.1395	1.2438	8.404	1.7100	10.8568	1.66784
12800	1.3363	3.2417	5.1434	1.2451	8.456	1.7155	10.8679	1.67147
12900	1.3557	3.2660	5.1472	1.2469	8.508	1.7211	10.8793	1.67509
13000	1.3749	3.2899	5.1510	1.2490	8.562	1.7266	10.8904	1.67866
13100	1.3938	3.3135	5.1547	1.2504	8.614	1.7322	10.9009	1.68217
13200	1.4124	3.3368	5.1584	1.2523	8.667	1.7376	10.9108	1.68559
13300	1.4307	3.3597	5.1621	1.2537	8.718	1.7431	10.9204	1.68899
13400	1.4489	3.3826	5.1657	1.2555	8.771	1.7486	10.9303	1.69234
13500	1.4667	3.4049	5.1693	1.2572	8.823	1.7541	10.9393	1.69564
13600	1.4844	3.4272	5.1729	1.2583	8.874	1.7595	10.9485	1.69889
13700	1.5019	3.4492	5.1764	1.2602	8.927	1.7650	10.9575	1.70211
13800	1.5191	3.4709	5.1799	1.2608	8.975	1.7704	10.9663	1.70525
13900	1.5363	3.4926	5.1834	1.2620	9.026	1.7759	10.9753	1.70839
14000	1.5531	3.5138	5.1869	1.2639	9.079	1.7813	10.9837	1.71142
14100	1.5698	3.5349	5.1903	1.2648	9.128	1.7867	10.9923	1.71447
14200	1.5863	3.5558	5.1937	1.2651	9.176	1.7921	11.0009	1.71748
14300	1.6027	3.5765	5.1971	1.2660	9.225	1.7975	11.0090	1.72040
14400	1.6189	3.5970	5.2004	1.2671	9.274	1.8028	11.0171	1.72330
14500	1.6348	3.6173	5.2038	1.2676	9.322	1.8081	11.0251	1.72615
14600	1.6507	3.6373	5.2070	1.2676	9.368	1.8133	11.0329	1.72895
14700	1.6665	3.6574	5.2103	1.2678	9.414	1.8186	11.0414	1.73176
14800	1.6821	3.6771	5.2136	1.2681	9.461	1.8238	11.0493	1.73450
14900	1.6976	3.6968	5.2169	1.2670	9.502	1.8290	11.0579	1.73726
15000	1.7131	3.7164	5.2201	1.2663	9.545	1.8341	11.0664	1.73997

S/R= 41.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
500	-6.9840	-6.7214	3.2440	1.3817	1.344	1.0000	3.5074	1.00000
600	-6.7766	-6.4348	3.3256	1.3763	1.469	1.0000	3.5270	1.00000
700	-6.5956	-6.1869	3.3955	1.3649	1.581	1.0000	3.5516	1.00000
800	-6.4343	-5.9676	3.4572	1.3540	1.683	1.0000	3.5817	1.00000
900	-6.2874	-5.7696	3.5121	1.3442	1.779	1.0000	3.6129	1.00000
1000	-6.1527	-5.5891	3.5619	1.3364	1.869	1.0000	3.6467	1.00000
1100	-6.0282	-5.4233	3.6071	1.3283	1.955	1.0000	3.6791	1.00000
1200	-5.9115	-5.2687	3.6488	1.3215	2.036	1.0000	3.7121	1.00000
1300	-5.8026	-5.1251	3.6874	1.3158	2.115	1.0000	3.7452	1.00000
1400	-5.6996	-4.9898	3.7234	1.3046	2.185	1.0000	3.7779	1.00000
1500	-5.5974	-4.8573	3.7581	1.2876	2.248	1.0002	3.8196	1.00025
1600	-5.4959	-4.7276	3.7919	1.2629	2.300	1.0008	3.8708	1.00076
1700	-5.3877	-4.5926	3.8266	1.2289	2.340	1.0020	3.9455	1.00199
1800	-5.2652	-4.4441	3.8637	1.1926	2.375	1.0045	4.0595	1.00454
1900	-5.1211	-4.2745	3.9050	1.1621	2.414	1.0091	4.2289	1.00908
2000	-4.9526	-4.0808	3.9502	1.1408	2.462	1.0160	4.4581	1.01602
2100	-4.7630	-3.8661	3.9978	1.1277	2.520	1.0254	4.7383	1.02538
2200	-4.5596	-3.6376	4.0460	1.1206	2.585	1.0368	5.0537	1.03681
2300	-4.3508	-3.4042	4.0927	1.1175	2.656	1.0497	5.4822	1.04974
2400	-4.1437	-3.1728	4.1368	1.1172	2.731	1.0636	5.7088	1.06362
2500	-3.9435	-2.9492	4.1776	1.1188	2.808	1.0779	6.0212	1.07794
2600	-3.7537	-2.7365	4.2150	1.1219	2.887	1.0923	6.3106	1.09231

S/R= 41.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2700	-3.5769	-2.5377	4.2489	1.1265	2.966	1.1063	6.5701	1.10634
2800	-3.4139	-2.3538	4.2796	1.1323	3.047	1.1198	6.7990	1.11979
2900	-3.2658	-2.1855	4.3071	1.1394	3.128	1.1324	6.9932	1.13242
3000	-3.1324	-2.0330	4.3316	1.1483	3.210	1.1440	7.1523	1.14402
3100	-3.0140	-1.8964	4.3534	1.1589	3.293	1.1544	7.2779	1.15444
3200	-2.9096	-1.7748	4.3726	1.1711	3.377	1.1636	7.3696	1.16361
3300	-2.8182	-1.6671	4.3896	1.1849	3.461	1.1715	7.4314	1.17146
3400	-2.7381	-1.5716	4.4047	1.1997	3.545	1.1781	7.4675	1.17809
3500	-2.6678	-1.4867	4.4180	1.2144	3.627	1.1836	7.4814	1.18358
3600	-2.6052	-1.4102	4.4302	1.2279	3.706	1.1881	7.4797	1.18811
3700	-2.5486	-1.3404	4.4413	1.2386	3.779	1.1918	7.4658	1.19185
3800	-2.4963	-1.2753	4.4517	1.2455	3.846	1.1950	7.4462	1.19499
3900	-2.4468	-1.2135	4.4617	1.2482	3.905	1.1977	7.4233	1.19773
4000	-2.3989	-1.1537	4.4713	1.2468	3.956	1.2002	7.4002	1.20021
4100	-2.3517	-1.0949	4.4809	1.2420	4.002	1.2026	7.3805	1.20258
4200	-2.3043	-1.0362	4.4904	1.2347	4.042	1.2049	7.3654	1.20494
4300	-2.2562	-0.9770	4.5002	1.2261	4.080	1.2074	7.3573	1.20739
4400	-2.2069	-0.9168	4.5101	1.2167	4.116	1.2100	7.3553	1.20999
4500	-2.1560	-0.8552	4.5202	1.2073	4.151	1.2128	7.3623	1.21283
4600	-2.1035	-0.7920	4.5306	1.1986	4.187	1.2159	7.3767	1.21593
4700	-2.0492	-0.7272	4.5413	1.1904	4.224	1.2193	7.3994	1.21932
4800	-1.9931	-0.6606	4.5523	1.1831	4.262	1.2231	7.4304	1.22304
4900	-1.9353	-0.5924	4.5635	1.1733	4.295	1.2271	7.4695	1.22708
5000	-1.8739	-0.5207	4.5753	1.1679	4.336	1.2313	7.5218	1.23132
5100	-1.8132	-0.4497	4.5869	1.1666	4.385	1.2360	7.5738	1.23598
5200	-1.7513	-0.3777	4.5986	1.1629	4.430	1.2410	7.6317	1.24095
5300	-1.6886	-0.3049	4.6105	1.1597	4.476	1.2463	7.6947	1.24623
5400	-1.6251	-0.2313	4.6224	1.1570	4.522	1.2518	7.7617	1.25175
5500	-1.5611	-0.1574	4.6343	1.1550	4.571	1.2576	7.8326	1.25754
5600	-1.4969	-0.0832	4.6461	1.1531	4.619	1.2636	7.9060	1.26354
5700	-1.4324	-0.0090	4.6580	1.1518	4.669	1.2698	7.9818	1.26972
5800	-1.3681	0.0651	4.6697	1.1509	4.720	1.2762	8.0594	1.27611
5900	-1.3039	0.1390	4.6814	1.1501	4.771	1.2828	8.1386	1.28268
6000	-1.2402	0.2123	4.6929	1.1497	4.823	1.2894	8.2180	1.28934
6100	-1.1769	0.2850	4.7043	1.1497	4.876	1.2962	8.2978	1.29613
6200	-1.1143	0.3569	4.7155	1.1499	4.929	1.3032	8.3778	1.30302
6300	-1.0524	0.4281	4.7266	1.1499	4.982	1.3102	8.4574	1.31001
6400	-0.9913	0.4983	4.7374	1.1502	5.036	1.3172	8.5356	1.31700
6500	-0.9310	0.5677	4.7481	1.1507	5.089	1.3243	8.6138	1.32411
6600	-0.8715	0.6362	4.7585	1.1514	5.144	1.3315	8.6911	1.33125
6700	-0.8132	0.7034	4.7689	1.1518	5.198	1.3387	8.7668	1.33839
6800	-0.7554	0.7700	4.7790	1.1525	5.252	1.3459	8.8416	1.34557
6900	-0.6988	0.8352	4.7890	1.1534	5.307	1.3531	8.9147	1.35275
7000	-0.6430	0.8996	4.7987	1.1542	5.361	1.3604	8.9871	1.35996
7100	-0.5884	0.9627	4.8083	1.1552	5.416	1.3676	9.0577	1.36715
7200	-0.5346	1.0248	4.8176	1.1563	5.471	1.3749	9.1266	1.37431
7300	-0.4820	1.0857	4.8268	1.1572	5.525	1.3821	9.1935	1.38144
7400	-0.4300	1.1458	4.8358	1.1579	5.579	1.3893	9.2594	1.38856
7500	-0.3792	1.2047	4.8446	1.1592	5.635	1.3964	9.3233	1.39564
7600	-0.3294	1.2625	4.8533	1.1607	5.690	1.4036	9.3859	1.40270
7700	-0.2806	1.3192	4.8618	1.1618	5.745	1.4107	9.4464	1.40969
7800	-0.2327	1.3749	4.8701	1.1628	5.799	1.4178	9.5055	1.41663
7900	-0.1856	1.4296	4.8782	1.1640	5.853	1.4248	9.5532	1.42356
8000	-0.1394	1.4834	4.8863	1.1653	5.908	1.4319	9.6197	1.43046
8100	-0.0942	1.5361	4.8941	1.1666	5.963	1.4388	9.6740	1.43727

S/R= 41.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8200	-0.0498	1.5879	4.9018	1.1678	6.017	1.4458	9.7272	1.44403
8300	-0.0064	1.6387	4.9093	1.1691	6.071	1.4526	9.7783	1.45071
8400	0.0362	1.6886	4.9168	1.1703	6.125	1.4595	9.8282	1.45735
8500	0.0782	1.7377	4.9240	1.1716	6.179	1.4663	9.8769	1.46395
8600	0.1192	1.7858	4.9312	1.1732	6.234	1.4730	9.9236	1.47045
8700	0.1593	1.8329	4.9382	1.1748	6.289	1.4797	9.9588	1.47686
8800	0.1988	1.8792	4.9450	1.1759	6.342	1.4864	10.0130	1.48324
8900	0.2375	1.9248	4.9518	1.1772	6.396	1.4930	10.0560	1.48957
9000	0.2755	1.9695	4.9585	1.1787	6.450	1.4995	10.0973	1.49581
9100	0.3128	2.0135	4.9650	1.1802	6.504	1.5061	10.1379	1.50201
9200	0.3493	2.0566	4.9714	1.1818	6.558	1.5126	10.1768	1.50811
9300	0.3850	2.0989	4.9777	1.1834	6.612	1.5190	10.2140	1.51411
9400	0.4202	2.1405	4.9839	1.1846	6.665	1.5254	10.2505	1.52008
9500	0.4548	2.1815	4.9900	1.1858	6.717	1.5317	10.2862	1.52599
9600	0.4887	2.2218	4.9960	1.1878	6.772	1.5380	10.3204	1.53183
9700	0.5219	2.2612	5.0018	1.1895	6.826	1.5443	10.3532	1.53757
9800	0.5545	2.3000	5.0077	1.1910	6.879	1.5505	10.3855	1.54327
9900	0.5865	2.3382	5.0134	1.1926	6.933	1.5567	10.4163	1.54886
10000	0.6178	2.3756	5.0189	1.1939	6.985	1.5628	10.4456	1.55437
10100	0.6487	2.4125	5.0245	1.1956	7.039	1.5689	10.4745	1.55983
10200	0.6790	2.4487	5.0299	1.1973	7.092	1.5749	10.5022	1.56521
10300	0.7088	2.4844	5.0352	1.1989	7.145	1.5810	10.5295	1.57056
10400	0.7380	2.5195	5.0405	1.2011	7.200	1.5870	10.5555	1.57581
10500	0.7666	2.5539	5.0457	1.2026	7.253	1.5929	10.5805	1.58098
10600	0.7949	2.5879	5.0508	1.2039	7.308	1.5989	10.6050	1.58610
10700	0.8226	2.6212	5.0559	1.2057	7.358	1.6048	10.6285	1.59115
10800	0.8498	2.6540	5.0608	1.2073	7.410	1.6106	10.6505	1.59608
10900	0.8766	2.6864	5.0657	1.2092	7.464	1.6165	10.6725	1.60101
11000	0.9029	2.7182	5.0705	1.2112	7.518	1.6223	10.6936	1.60585
11100	0.9286	2.7495	5.0753	1.2131	7.571	1.6281	10.7137	1.61059
11200	0.9541	2.7804	5.0800	1.2150	7.625	1.6339	10.7338	1.61533
11300	0.9789	2.8105	5.0846	1.2170	7.679	1.6395	10.7520	1.61990
11400	1.0034	2.8404	5.0891	1.2181	7.729	1.6453	10.7701	1.62446
11500	1.0277	2.8699	5.0936	1.2201	7.783	1.6510	10.7880	1.62899
11600	1.0513	2.8988	5.0981	1.2221	7.836	1.6566	10.8044	1.63340
11700	1.0746	2.9274	5.1024	1.2237	7.889	1.6622	10.8205	1.63775
11800	1.0976	2.9555	5.1068	1.2258	7.943	1.6678	10.8362	1.64206
11900	1.1203	2.9833	5.1110	1.2279	7.997	1.6735	10.8518	1.64634
12000	1.1424	3.0105	5.1152	1.2298	8.050	1.6791	10.8659	1.65047
12100	1.1643	3.0374	5.1194	1.2315	8.102	1.6846	10.8801	1.65459
12200	1.1858	3.0639	5.1235	1.2332	8.155	1.6902	10.8936	1.65864
12300	1.2071	3.0902	5.1276	1.2350	8.207	1.6958	10.9071	1.66266
12400	1.2279	3.1159	5.1316	1.2367	8.260	1.7012	10.9191	1.66655
12500	1.2485	3.1414	5.1356	1.2385	8.312	1.7068	10.9314	1.67045
12600	1.2688	3.1666	5.1395	1.2409	8.367	1.7123	10.9431	1.67427
12700	1.2887	3.1913	5.1434	1.2427	8.420	1.7177	10.9543	1.67803
12800	1.3083	3.2157	5.1472	1.2440	8.471	1.7232	10.9649	1.68169
12900	1.3278	3.2399	5.1510	1.2458	8.523	1.7286	10.9757	1.68535
13000	1.3469	3.2637	5.1548	1.2478	8.577	1.7341	10.9862	1.68896
13100	1.3657	3.2873	5.1585	1.2494	8.629	1.7395	10.9961	1.69250
13200	1.3843	3.3105	5.1622	1.2515	8.682	1.7449	11.0055	1.69596
13300	1.4026	3.3334	5.1658	1.2527	8.733	1.7503	11.0147	1.69939
13400	1.4208	3.3562	5.1694	1.2541	8.784	1.7557	11.0240	1.70278
13500	1.4385	3.3785	5.1730	1.2557	8.835	1.7611	11.0324	1.70611
13600	1.4562	3.4007	5.1765	1.2570	8.886	1.7664	11.0410	1.70939



S/R= 41.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13700	1.4737	3.4226	5.1801	1.2588	8.939	1.7718	11.0494	1.71264
13800	1.4908	3.4443	5.1835	1.2594	8.987	1.7771	11.0575	1.71581
13900	1.5080	3.4658	5.1870	1.2606	9.037	1.7824	11.0659	1.71900
14000	1.5247	3.4870	5.1904	1.2625	9.090	1.7877	11.0735	1.72205
14100	1.5414	3.5080	5.1938	1.2634	9.139	1.7930	11.0815	1.72514
14200	1.5579	3.5289	5.1972	1.2638	9.187	1.7983	11.0895	1.72818
14300	1.5742	3.5495	5.2005	1.2647	9.236	1.8035	11.0969	1.73113
14400	1.5903	3.5699	5.2039	1.2658	9.285	1.8087	11.1045	1.73407
14500	1.6063	3.5901	5.2072	1.2663	9.332	1.8139	11.1120	1.73695
14600	1.6221	3.6101	5.2104	1.2663	9.378	1.8190	11.1191	1.73978
14700	1.6378	3.6301	5.2137	1.2668	9.425	1.8242	11.1268	1.74263
14800	1.6533	3.6497	5.2169	1.2670	9.471	1.8292	11.1340	1.74540
14900	1.6688	3.6693	5.2201	1.2662	9.513	1.8343	11.1419	1.74819
15000	1.6842	3.6888	5.2234	1.2658	9.556	1.8393	11.1496	1.75093

S/R= 41.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
600	-6.8633	-6.5216	3.3256	1.3702	1.466	1.0000	3.5270	1.00000
700	-6.6824	-6.2737	3.3955	1.3650	1.581	1.0000	3.5516	1.00000
800	-6.5210	-6.0544	3.4572	1.3542	1.683	1.0000	3.5817	1.00000
900	-6.3743	-5.8565	3.5121	1.3443	1.779	1.0000	3.6129	1.00000
1000	-6.2396	-5.6760	3.5619	1.3364	1.869	1.0000	3.6467	1.00000
1100	-6.1152	-5.5102	3.6071	1.3282	1.955	1.0000	3.6791	1.00000
1200	-5.9983	-5.3555	3.6488	1.3212	2.036	1.0000	3.7122	1.00000
1300	-5.8894	-5.2118	3.6874	1.3162	2.115	1.0000	3.7452	1.00000
1400	-5.7865	-5.0768	3.7234	1.3041	2.185	1.0000	3.7779	1.00000
1500	-5.6838	-4.9437	3.7582	1.2858	2.246	1.0003	3.8206	1.00027
1600	-5.5814	-4.8130	3.7923	1.2599	2.297	1.0008	3.8738	1.00084
1700	-5.4714	-4.6761	3.8273	1.2244	2.336	1.0022	3.9527	1.00219
1800	-5.3454	-4.5242	3.8653	1.1877	2.370	1.0050	4.0743	1.00498
1900	-5.1963	-4.3495	3.9076	1.1578	2.410	1.0099	4.2547	1.00988
2000	-5.0219	-4.1496	3.9540	1.1374	2.460	1.0173	4.4971	1.01729
2100	-4.8264	-3.9287	4.0026	1.1252	2.519	1.0272	4.7904	1.02717
2200	-4.6177	-3.6948	4.0514	1.1188	2.586	1.0391	5.1170	1.03909
2300	-4.4047	-3.4570	4.0985	1.1162	2.658	1.0525	5.4545	1.05246
2400	-4.1945	-3.2224	4.1427	1.1163	2.734	1.0667	5.7873	1.06671
2500	-3.9922	-2.9965	4.1835	1.1182	2.812	1.0813	6.1036	1.08132
2600	-3.8012	-2.7826	4.2209	1.1217	2.891	1.0959	6.3946	1.09591
2700	-3.6239	-2.5833	4.2544	1.1265	2.971	1.1101	6.6540	1.11008
2800	-3.4612	-2.3995	4.2848	1.1327	3.053	1.1236	6.8808	1.12359
2900	-3.3139	-2.2322	4.3119	1.1403	3.135	1.1362	7.0713	1.13620
3000	-3.1819	-2.0811	4.3360	1.1497	3.217	1.1477	7.2257	1.14769
3100	-3.0654	-1.9465	4.3573	1.1610	3.301	1.1579	7.3445	1.15794
3200	-2.9632	-1.8271	4.3761	1.1740	3.386	1.1669	7.4291	1.16686
3300	-2.8741	-1.7219	4.3926	1.1886	3.471	1.1744	7.4833	1.17442
3400	-2.7963	-1.6288	4.4072	1.2039	3.555	1.1807	7.5122	1.18074
3500	-2.7280	-1.5461	4.4202	1.2190	3.637	1.1859	7.5193	1.18591
3600	-2.6672	-1.4715	4.4321	1.2322	3.716	1.1901	7.5119	1.19015
3700	-2.6120	-1.4030	4.4429	1.2422	3.788	1.1936	7.4935	1.19365
3800	-2.5606	-1.3390	4.4532	1.2480	3.852	1.1966	7.4708	1.19659
3900	-2.5116	-1.2778	4.4630	1.2492	3.909	1.1992	7.4458	1.19919
4000	-2.4640	-1.2183	4.4726	1.2464	3.958	1.2016	7.4217	1.20158
4100	-2.4166	-1.1594	4.4821	1.2403	4.001	1.2039	7.4020	1.20390
4200	-2.3688	-1.1003	4.4918	1.2321	4.040	1.2063	7.3877	1.20624

S/R= 41.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4300	-2.3200	-1.0403	4.5016	1.2228	4.077	1.2087	7.3811	1.20872
4400	-2.2698	-0.9792	4.5116	1.2129	4.112	1.2114	7.3814	1.21140
4500	-2.2178	-0.9164	4.5219	1.2034	4.147	1.2143	7.3912	1.21433
4600	-2.1640	-0.8519	4.5325	1.1946	4.183	1.2176	7.4088	1.21755
4700	-2.1083	-0.7856	4.5434	1.1865	4.220	1.2211	7.4351	1.22109
4800	-2.0508	-0.7175	4.5546	1.1794	4.258	1.2250	7.4700	1.22498
4900	-1.9914	-0.6477	4.5660	1.1700	4.293	1.2292	7.5130	1.22920
5000	-1.9284	-0.5744	4.5780	1.1648	4.334	1.2337	7.5593	1.23363
5100	-1.8661	-0.5018	4.5898	1.1636	4.384	1.2385	7.6254	1.23850
5200	-1.8028	-0.4282	4.6019	1.1602	4.430	1.2437	7.6872	1.24368
5300	-1.7385	-0.3538	4.6138	1.1571	4.476	1.2492	7.7541	1.24916
5400	-1.6736	-0.2787	4.6259	1.1546	4.523	1.2549	7.8249	1.25490
5500	-1.6082	-0.2033	4.6380	1.1528	4.572	1.2609	7.8993	1.26089
5600	-1.5427	-0.1278	4.6500	1.1511	4.622	1.2672	7.9761	1.26710
5700	-1.4769	-0.0522	4.6619	1.1500	4.672	1.2736	8.0551	1.27350
5800	-1.4115	0.0230	4.6738	1.1491	4.724	1.2802	8.1357	1.28009
5900	-1.3461	0.0981	4.6856	1.1485	4.775	1.2869	8.2179	1.28685
6000	-1.2814	0.1725	4.6972	1.1483	4.828	1.2938	8.2998	1.29371
6100	-1.2171	0.2463	4.7087	1.1483	4.881	1.3008	8.3821	1.30068
6200	-1.1536	0.3192	4.7200	1.1486	4.935	1.3079	8.4642	1.30776
6300	-1.0909	0.3913	4.7311	1.1487	4.989	1.3151	8.5461	1.31493
6400	-1.0290	0.4623	4.7420	1.1491	5.043	1.3223	8.6262	1.32209
6500	-0.9680	0.5325	4.7527	1.1497	5.097	1.3296	8.7062	1.32936
6600	-0.9078	0.6017	4.7633	1.1504	5.152	1.3369	8.7851	1.33667
6700	-0.8488	0.6696	4.7735	1.1509	5.206	1.3442	8.8623	1.34397
6800	-0.7904	0.7368	4.7838	1.1516	5.261	1.3516	8.9385	1.35130
6900	-0.7333	0.8026	4.7937	1.1525	5.316	1.3590	9.0131	1.35863
7000	-0.6769	0.8676	4.8035	1.1534	5.371	1.3664	9.0866	1.36598
7100	-0.6218	0.9312	4.8131	1.1545	5.426	1.3737	9.1582	1.37331
7200	-0.5676	0.9938	4.8225	1.1556	5.482	1.3811	9.2282	1.38061
7300	-0.5145	1.0552	4.8316	1.1565	5.537	1.3884	9.2960	1.38788
7400	-0.4622	1.1157	4.8406	1.1573	5.591	1.3958	9.3628	1.39513
7500	-0.4110	1.1749	4.8495	1.1586	5.646	1.4031	9.4275	1.40232
7600	-0.3608	1.2332	4.8581	1.1601	5.702	1.4103	9.4908	1.40950
7700	-0.3118	1.2901	4.8666	1.1612	5.757	1.4175	9.5519	1.41662
7800	-0.2635	1.3462	4.8749	1.1623	5.812	1.4247	9.6115	1.42367
7900	-0.2162	1.4012	4.8830	1.1635	5.867	1.4319	9.6697	1.43071
8000	-0.1697	1.4553	4.8911	1.1648	5.922	1.4390	9.7266	1.43771
8100	-0.1243	1.5082	4.8989	1.1661	5.976	1.4461	9.7814	1.44463
8200	-0.0797	1.5603	4.9066	1.1674	6.031	1.4531	9.8348	1.45150
8300	-0.0361	1.6112	4.9141	1.1687	6.086	1.4601	9.8863	1.45827
8400	0.0068	1.6614	4.9215	1.1699	6.140	1.4670	9.9366	1.46502
8500	0.0489	1.7106	4.9288	1.1712	6.194	1.4739	9.9855	1.47170
8600	0.0901	1.7590	4.9359	1.1728	6.249	1.4807	10.0324	1.47830
8700	0.1304	1.8062	4.9429	1.1744	6.304	1.4875	10.0775	1.48480
8800	0.1699	1.8527	4.9497	1.1756	6.358	1.4942	10.1219	1.49127
8900	0.2088	1.8984	4.9565	1.1769	6.412	1.5009	10.1651	1.49768
9000	0.2469	1.9433	4.9631	1.1783	6.466	1.5075	10.2065	1.50399
9100	0.2843	1.9874	4.9696	1.1799	6.520	1.5141	10.2470	1.51028
9200	0.3209	2.0306	4.9760	1.1814	6.574	1.5207	10.2858	1.51646
9300	0.3568	2.0730	4.9823	1.1831	6.629	1.5271	10.3230	1.52253
9400	0.3920	2.1147	4.9885	1.1843	6.682	1.5335	10.3595	1.52857
9500	0.4267	2.1558	4.9946	1.1855	6.734	1.5400	10.3951	1.53456
9600	0.4607	2.1961	5.0005	1.1874	6.789	1.5463	10.4291	1.54046
9700	0.4939	2.2355	5.0064	1.1891	6.843	1.5526	10.4618	1.54628

S/R= 41.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9800	0.5266	2.2745	5.0122	1.1907	6.897	1.5589	10.4939	1.55204
9900	0.5586	2.3127	5.0178	1.1923	6.950	1.5651	10.5245	1.55770
10000	0.5900	2.3501	5.0234	1.1936	7.003	1.5712	10.5538	1.56327
10100	0.6210	2.3871	5.0289	1.1953	7.057	1.5773	10.5824	1.56879
10200	0.6512	2.4233	5.0343	1.1970	7.110	1.5834	10.6098	1.57423
10300	0.6811	2.4590	5.0396	1.1985	7.163	1.5895	10.6368	1.57964
10400	0.7104	2.4941	5.0449	1.2007	7.218	1.5955	10.6626	1.58495
10500	0.7390	2.5285	5.0501	1.2022	7.271	1.6015	10.6872	1.59017
10600	0.7673	2.5626	5.0552	1.2035	7.323	1.6074	10.7115	1.59535
10700	0.7950	2.5959	5.0602	1.2054	7.377	1.6133	10.7347	1.60045
10800	0.8221	2.6287	5.0651	1.2069	7.429	1.6191	10.7564	1.60543
10900	0.8490	2.6611	5.0700	1.2088	7.482	1.6250	10.7781	1.61041
11000	0.8752	2.6929	5.0748	1.2107	7.536	1.6308	10.7988	1.61530
11100	0.9010	2.7241	5.0795	1.2125	7.589	1.6366	10.8185	1.62009
11200	0.9265	2.7550	5.0842	1.2146	7.643	1.6423	10.8381	1.62487
11300	0.9513	2.7852	5.0887	1.2165	7.697	1.6480	10.8559	1.62949
11400	0.9758	2.8150	5.0933	1.2177	7.748	1.6537	10.8736	1.63409
11500	1.0000	2.8445	5.0978	1.2198	7.802	1.6594	10.8911	1.63866
11600	1.0236	2.8733	5.1022	1.2216	7.855	1.6650	10.9072	1.64311
11700	1.0470	2.9019	5.1065	1.2230	7.906	1.6706	10.9229	1.64750
11800	1.0699	2.9299	5.1108	1.2251	7.960	1.6762	10.9380	1.65185
11900	1.0926	2.9577	5.1151	1.2272	8.014	1.6818	10.9531	1.65617
12000	1.1147	2.9849	5.1193	1.2292	8.067	1.6873	10.9667	1.66034
12100	1.1365	3.0118	5.1234	1.2309	8.120	1.6928	10.9803	1.66450
12200	1.1580	3.0382	5.1275	1.2325	8.172	1.6983	10.9933	1.66858
12300	1.1793	3.0645	5.1315	1.2344	8.225	1.7038	11.0064	1.67264
12400	1.2001	3.0902	5.1355	1.2360	8.277	1.7093	11.0179	1.67657
12500	1.2207	3.1156	5.1395	1.2376	8.329	1.7147	11.0297	1.68050
12600	1.2409	3.1407	5.1434	1.2400	8.383	1.7201	11.0409	1.68435
12700	1.2608	3.1653	5.1472	1.2418	8.436	1.7255	11.0515	1.68815
12800	1.2804	3.1897	5.1510	1.2430	8.486	1.7309	11.0615	1.69184
12900	1.2998	3.2138	5.1548	1.2446	8.538	1.7363	11.0717	1.69554
13000	1.3189	3.2376	5.1586	1.2468	8.592	1.7416	11.0817	1.69918
13100	1.3377	3.2611	5.1622	1.2483	8.643	1.7470	11.0910	1.70275
13200	1.3563	3.2843	5.1659	1.2504	8.697	1.7523	11.0999	1.70624
13300	1.3745	3.3071	5.1695	1.2519	8.748	1.7576	11.1085	1.70970
13400	1.3926	3.3298	5.1731	1.2532	8.798	1.7629	11.1172	1.71312
13500	1.4104	3.3521	5.1766	1.2546	8.849	1.7682	11.1250	1.71648
13600	1.4280	3.3742	5.1802	1.2559	8.900	1.7734	11.1330	1.71980
13700	1.4454	3.3961	5.1836	1.2575	8.951	1.7786	11.1409	1.72307
13800	1.4625	3.4176	5.1871	1.2580	8.999	1.7838	11.1483	1.72628
13900	1.4796	3.4391	5.1905	1.2593	9.049	1.7891	11.1560	1.72949
14000	1.4963	3.4602	5.1939	1.2512	9.102	1.7942	11.1630	1.73258
14100	1.5130	3.4812	5.1973	1.2520	9.151	1.7994	11.1704	1.73569
14200	1.5294	3.5019	5.2006	1.2525	9.198	1.8046	11.1776	1.73877
14300	1.5457	3.5225	5.2040	1.2535	9.247	1.8097	11.1845	1.74175
14400	1.5618	3.5428	5.2072	1.2546	9.296	1.8148	11.1914	1.74471
14500	1.5777	3.5629	5.2105	1.2550	9.343	1.8198	11.1981	1.74763
14600	1.5934	3.5828	5.2138	1.2550	9.388	1.8248	11.2048	1.75050
14700	1.6091	3.6027	5.2170	1.2556	9.435	1.8299	11.2119	1.75337
14800	1.6246	3.6223	5.2202	1.2560	9.481	1.8348	11.2183	1.75617
14900	1.6400	3.6418	5.2234	1.2553	9.524	1.8398	11.2255	1.75899
15000	1.6553	3.6612	5.2266	1.2550	9.567	1.8447	11.2325	1.76176

S/R= 41.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
600	-6.9501	-6.6083	3.3256	1.3701	1.466	1.0000	3.5270	1.03000
700	-6.7692	-6.3605	3.3955	1.3651	1.581	1.0000	3.5515	1.03000
800	-6.6078	-6.1411	3.4572	1.3543	1.683	1.0000	3.5817	1.03000
900	-6.4612	-5.9434	3.5121	1.3445	1.779	1.0000	3.6129	1.03000
1000	-6.3265	-5.7629	3.5519	1.3365	1.869	1.0000	3.6467	1.03000
1100	-6.2022	-5.5972	3.5071	1.3282	1.955	1.0000	3.6791	1.03000
1200	-6.0852	-5.4424	3.6488	1.3210	2.036	1.0000	3.7122	1.03000
1300	-5.9761	-5.2986	3.6874	1.3160	2.115	1.0000	3.7452	1.03000
1400	-5.8733	-5.1636	3.7234	1.3035	2.185	1.0000	3.7779	1.03000
1500	-5.7701	-5.0300	3.7584	1.2839	2.244	1.0003	3.8218	1.03030
1600	-5.6669	-4.8984	3.7926	1.2566	2.294	1.0009	3.8771	1.03093
1700	-5.5547	-4.7593	3.8282	1.2198	2.331	1.0024	3.9305	1.03241
1800	-5.4251	-4.6036	3.8670	1.1828	2.366	1.0055	4.0004	1.03545
1900	-5.2708	-4.4235	3.9104	1.1535	2.407	1.0107	4.2824	1.01074
2000	-5.0902	-4.2173	3.9579	1.1342	2.458	1.0186	4.5383	1.01864
2100	-4.8887	-3.9902	4.0075	1.1228	2.519	1.0290	4.8448	1.02903
2200	-4.6748	-3.7509	4.0570	1.1170	2.587	1.0414	5.1826	1.04145
2300	-4.4578	-3.5088	4.1043	1.1150	2.660	1.0553	5.5285	1.05526
2400	-4.2446	-3.2712	4.1487	1.1154	2.737	1.0699	5.8673	1.06986
2500	-4.0403	-3.0432	4.1894	1.1177	2.815	1.0847	6.1870	1.08475
2600	-3.8482	-2.8282	4.2265	1.1215	2.896	1.0995	6.4793	1.09954
2700	-3.6706	-2.6286	4.2599	1.1267	2.977	1.1138	6.7380	1.11383
2800	-3.5084	-2.4453	4.2899	1.1332	3.059	1.1274	6.9622	1.12739
2900	-3.3622	-2.2790	4.3166	1.1413	3.141	1.1399	7.1486	1.13995
3000	-3.2318	-2.1297	4.3403	1.1513	3.225	1.1513	7.2973	1.15130
3100	-3.1173	-1.9972	4.3611	1.1633	3.309	1.1613	7.4092	1.16134
3200	-3.0174	-1.8802	4.3794	1.1771	3.395	1.1700	7.4863	1.16999
3300	-2.9307	-1.7775	4.3955	1.1925	3.481	1.1772	7.5328	1.17724
3400	-2.8552	-1.6868	4.4097	1.2084	3.565	1.1832	7.5543	1.18323
3500	-2.7890	-1.6062	4.4223	1.2237	3.648	1.1881	7.5549	1.18809
3600	-2.7299	-1.5334	4.4338	1.2365	3.725	1.1921	7.5420	1.19205
3700	-2.6759	-1.4663	4.4444	1.2455	3.795	1.1953	7.5196	1.19531
3800	-2.6253	-1.4032	4.4545	1.2500	3.858	1.1981	7.4939	1.19809
3900	-2.5768	-1.3425	4.4642	1.2498	3.912	1.2006	7.4672	1.20055
4000	-2.5292	-1.2830	4.4738	1.2455	3.959	1.2029	7.4425	1.20286
4100	-2.4816	-1.2239	4.4834	1.2382	4.000	1.2052	7.4231	1.20515
4200	-2.4332	-1.1642	4.4931	1.2290	4.037	1.2075	7.4099	1.20751
4300	-2.3836	-1.1035	4.5030	1.2191	4.073	1.2100	7.4052	1.21003
4400	-2.3324	-1.0413	4.5132	1.2090	4.107	1.2128	7.4081	1.21279
4500	-2.2792	-0.9772	4.5237	1.1994	4.142	1.2158	7.4209	1.21583
4600	-2.2241	-0.9114	4.5344	1.1906	4.179	1.2192	7.4420	1.21919
4700	-2.1669	-0.8436	4.5455	1.1827	4.216	1.2229	7.4721	1.22288
4800	-2.1078	-0.7739	4.5569	1.1758	4.255	1.2270	7.5110	1.22695
4900	-2.0468	-0.7024	4.5586	1.1667	4.291	1.2314	7.5582	1.23136
5000	-1.9823	-0.6275	4.5808	1.1518	4.333	1.2360	7.6186	1.23600
5100	-1.9184	-0.5532	4.5929	1.1607	4.383	1.2411	7.6788	1.24108
5200	-1.8535	-0.4779	4.6050	1.1575	4.429	1.2465	7.7447	1.24647
5300	-1.7877	-0.4019	4.6172	1.1546	4.476	1.2522	7.8154	1.25216
5400	-1.7213	-0.3254	4.6295	1.1524	4.525	1.2582	7.8900	1.25812
5500	-1.6546	-0.2485	4.6417	1.1507	4.574	1.2644	7.9681	1.26433
5600	-1.5877	-0.1716	4.6539	1.1492	4.624	1.2708	8.0481	1.27074
5700	-1.5207	-0.0947	4.6560	1.1482	4.676	1.2774	8.1304	1.27735
5800	-1.4541	-0.0182	4.6780	1.1475	4.728	1.2842	8.2139	1.28414
5900	-1.3877	0.0580	4.6899	1.1470	4.780	1.2912	8.2988	1.29110
6000	-1.3219	0.1335	4.7016	1.1469	4.833	1.2982	8.3834	1.29815

S/R= 41.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6100	-1.2566	0.2083	4.7131	1.1470	4.887	1.3054	8.4580	1.30531
6200	-1.1923	0.2821	4.7245	1.1474	4.942	1.3127	8.5524	1.31257
6300	-1.1287	0.3551	4.7357	1.1476	4.996	1.3200	8.6363	1.31992
6400	-1.0661	0.4270	4.7466	1.1480	5.050	1.3274	8.7183	1.32725
6500	-1.0043	0.4979	4.7574	1.1487	5.105	1.3349	8.8001	1.33468
6600	-0.9434	0.5678	4.7680	1.1495	5.160	1.3424	8.8806	1.34215
6700	-0.8838	0.6364	4.7784	1.1500	5.215	1.3499	8.9593	1.34961
6800	-0.8248	0.7042	4.7885	1.1508	5.270	1.3574	9.0373	1.35709
6900	-0.7672	0.7706	4.7985	1.1517	5.326	1.3649	9.1127	1.36456
7000	-0.7103	0.8361	4.8083	1.1527	5.381	1.3724	9.1873	1.37206
7100	-0.6547	0.9003	4.8179	1.1538	5.437	1.3799	9.2601	1.37953
7200	-0.6001	0.9633	4.8273	1.1549	5.493	1.3874	9.3310	1.38696
7300	-0.5466	1.0251	4.8364	1.1559	5.548	1.3949	9.3996	1.39436
7400	-0.4939	1.0860	4.8455	1.1567	5.603	1.4023	9.4672	1.40174
7500	-0.4424	1.1456	4.8543	1.1580	5.658	1.4097	9.5326	1.40906
7600	-0.3919	1.2042	4.8629	1.1595	5.715	1.4171	9.5965	1.41636
7700	-0.3425	1.2615	4.8714	1.1607	5.770	1.4244	9.6583	1.42358
7800	-0.2940	1.3178	4.8797	1.1618	5.825	1.4317	9.7183	1.43075
7900	-0.2464	1.3732	4.8878	1.1631	5.880	1.4390	9.7773	1.43790
8000	-0.1997	1.4275	4.8958	1.1644	5.935	1.4462	9.8344	1.44501
8100	-0.1540	1.4807	4.9037	1.1657	5.990	1.4534	9.8895	1.45203
8200	-0.1092	1.5330	4.9113	1.1670	6.045	1.4605	9.9433	1.45899
8300	-0.0654	1.5842	4.9189	1.1683	6.100	1.4676	9.9953	1.46587
8400	-0.0223	1.6345	4.9263	1.1696	6.155	1.4746	10.0455	1.47271
8500	0.0200	1.6840	4.9335	1.1708	6.209	1.4816	10.0947	1.47949
8600	0.0613	1.7324	4.9406	1.1725	6.265	1.4885	10.1417	1.48617
8700	0.1017	1.7798	4.9476	1.1741	6.320	1.4953	10.1870	1.49276
8800	0.1414	1.8264	4.9544	1.1753	6.374	1.5021	10.2314	1.49931
8900	0.1804	1.8723	4.9612	1.1766	6.428	1.5088	10.2747	1.50581
9000	0.2186	1.9173	4.9678	1.1780	6.482	1.5155	10.3160	1.51220
9100	0.2561	1.9615	4.9743	1.1796	6.537	1.5222	10.3566	1.51857
9200	0.2928	2.0048	4.9806	1.1812	6.591	1.5288	10.3954	1.52482
9300	0.3288	2.0473	4.9869	1.1828	6.646	1.5353	10.4323	1.53097
9400	0.3641	2.0891	4.9930	1.1840	6.699	1.5418	10.4688	1.53708
9500	0.3988	2.1302	4.9991	1.1852	6.752	1.5482	10.5043	1.54314
9600	0.4329	2.1706	5.0050	1.1871	6.807	1.5546	10.5382	1.54911
9700	0.4661	2.2101	5.0109	1.1888	6.861	1.5609	10.5707	1.55499
9800	0.4989	2.2491	5.0166	1.1904	6.915	1.5673	10.6026	1.56082
9900	0.5310	2.2873	5.0223	1.1920	6.968	1.5735	10.6333	1.56654
10000	0.5624	2.3248	5.0278	1.1934	7.021	1.5797	10.6623	1.57217
10100	0.5934	2.3618	5.0333	1.1951	7.075	1.5858	10.6905	1.57775
10200	0.6237	2.3981	5.0387	1.1967	7.128	1.5919	10.7177	1.58324
10300	0.6536	2.4338	5.0440	1.1982	7.181	1.5980	10.7444	1.58871
10400	0.6828	2.4689	5.0492	1.2003	7.236	1.6040	10.7698	1.59407
10500	0.7115	2.5033	5.0544	1.2019	7.289	1.6100	10.7941	1.59935
10600	0.7398	2.5374	5.0595	1.2033	7.342	1.6160	10.8180	1.60458
10700	0.7675	2.5707	5.0644	1.2052	7.395	1.6219	10.8408	1.60973
10800	0.7947	2.6035	5.0693	1.2067	7.448	1.6277	10.8623	1.61476
10900	0.8215	2.6359	5.0742	1.2084	7.501	1.6336	10.8837	1.61978
11000	0.8478	2.6677	5.0790	1.2103	7.555	1.6393	10.9039	1.62471
11100	0.8735	2.6989	5.0837	1.2121	7.608	1.6451	10.9231	1.62955
11200	0.8990	2.7298	5.0883	1.2141	7.662	1.6509	10.9424	1.63438
11300	0.9238	2.7599	5.0929	1.2161	7.715	1.6565	10.9597	1.63904
11400	0.9482	2.7897	5.0974	1.2173	7.766	1.6622	10.9773	1.64368
11500	0.9725	2.8192	5.1019	1.2194	7.821	1.6678	10.9941	1.64829

S/R= 41.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11600	0.9960	2.8480	5.1062	1.2212	7.873	1.6734	11.0097	1.65277
11700	1.0194	2.8765	5.1106	1.2225	7.925	1.6790	11.0249	1.65721
11800	1.0423	2.9045	5.1148	1.2246	7.978	1.6845	11.0395	1.66159
11900	1.0649	2.9322	5.1191	1.2266	8.032	1.6901	11.0542	1.66595
12000	1.0870	2.9593	5.1232	1.2285	8.085	1.6955	11.0673	1.67015
12100	1.1088	2.9862	5.1273	1.2302	8.137	1.7010	11.0803	1.67435
12200	1.1303	3.0126	5.1314	1.2318	8.189	1.7064	11.0928	1.67847
12300	1.1516	3.0388	5.1354	1.2337	8.242	1.7119	11.1053	1.68256
12400	1.1723	3.0644	5.1394	1.2355	8.295	1.7173	11.1164	1.68652
12500	1.1929	3.0898	5.1433	1.2371	8.346	1.7227	11.1277	1.69049
12600	1.2131	3.1148	5.1472	1.2391	8.399	1.7280	11.1383	1.69436
12700	1.2329	3.1394	5.1510	1.2410	8.452	1.7334	11.1484	1.69819
12800	1.2524	3.1637	5.1548	1.2422	8.502	1.7386	11.1579	1.70191
12900	1.2718	3.1878	5.1585	1.2436	8.553	1.7439	11.1675	1.70564
13000	1.2909	3.2115	5.1623	1.2458	8.607	1.7492	11.1768	1.70931
13100	1.3097	3.2350	5.1659	1.2475	8.659	1.7545	11.1855	1.71291
13200	1.3282	3.2580	5.1695	1.2494	8.711	1.7597	11.1937	1.71643
13300	1.3464	3.2808	5.1731	1.2507	8.762	1.7649	11.2018	1.71992
13400	1.3645	3.3035	5.1767	1.2522	8.813	1.7701	11.2099	1.72337
13500	1.3822	3.3256	5.1802	1.2539	8.865	1.7753	11.2171	1.72675
13600	1.3998	3.3477	5.1837	1.2548	8.914	1.7805	11.2246	1.73010
13700	1.4171	3.3695	5.1872	1.2563	8.965	1.7856	11.2318	1.73340
13800	1.4342	3.3910	5.1905	1.2570	9.012	1.7907	11.2386	1.73663
13900	1.4513	3.4124	5.1940	1.2582	9.063	1.7958	11.2457	1.73988
14000	1.4679	3.4334	5.1974	1.2598	9.114	1.8008	11.2521	1.74298
14100	1.4845	3.4543	5.2007	1.2607	9.162	1.8059	11.2587	1.74613
14200	1.5009	3.4749	5.2040	1.2614	9.210	1.8110	11.2653	1.74923
14300	1.5171	3.4954	5.2073	1.2623	9.259	1.8160	11.2715	1.75224
14400	1.5332	3.5157	5.2105	1.2634	9.308	1.8209	11.2777	1.75523
14500	1.5490	3.5357	5.2138	1.2639	9.354	1.8259	11.2838	1.75817
14600	1.5647	3.5555	5.2170	1.2638	9.399	1.8307	11.2897	1.76107
14700	1.5804	3.5753	5.2203	1.2643	9.445	1.8357	11.2963	1.76398
14800	1.5958	3.5948	5.2234	1.2648	9.492	1.8405	11.3021	1.76680
14900	1.6111	3.6142	5.2266	1.2643	9.535	1.8453	11.3086	1.76966
15000	1.6264	3.6335	5.2297	1.2641	9.578	1.8501	11.3148	1.77245

S/R= 41.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
700	-6.8560	-6.4473	3.3955	1.3597	1.578	1.0000	3.5515	1.00000
800	-6.6948	-6.2281	3.4572	1.3543	1.683	1.0000	3.5817	1.00000
900	-6.5479	-6.0301	3.5121	1.3444	1.779	1.0000	3.6129	1.00000
1000	-6.4134	-5.8499	3.5619	1.3365	1.869	1.0000	3.6467	1.00000
1100	-6.2889	-5.6839	3.6071	1.3283	1.955	1.0000	3.6791	1.00000
1200	-6.1722	-5.5294	3.6488	1.3211	2.036	1.0000	3.7122	1.00000
1300	-6.0630	-5.3855	3.6874	1.3156	2.115	1.0000	3.7452	1.00000
1400	-5.9601	-5.2503	3.7234	1.3027	2.184	1.0000	3.7779	1.00000
1500	-5.8564	-5.1163	3.7585	1.2821	2.243	1.0003	3.8230	1.00033
1600	-5.7520	-4.9835	3.7930	1.2531	2.291	1.0010	3.8807	1.00102
1700	-5.6377	-4.8422	3.8292	1.2150	2.327	1.0027	3.9693	1.00265
1800	-5.5042	-4.6825	3.8689	1.1779	2.362	1.0060	4.1078	1.00596
1900	-5.3443	-4.4967	3.9134	1.1494	2.404	1.0117	4.3121	1.01166
2000	-5.1575	-4.2840	3.9621	1.1311	2.456	1.0201	4.5819	1.02006
2100	-4.9449	-4.0506	4.0125	1.1206	2.519	1.0310	4.9015	1.03098
2200	-4.7310	-3.8060	4.0626	1.1154	2.588	1.0439	5.2503	1.04389

S/R= 41.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2300	-4.5099	-3.5598	4.1133	1.1139	2.662	1.0581	5.6044	1.05812
2400	-4.2939	-3.3192	4.1545	1.1147	2.740	1.0731	5.9487	1.07307
2500	-4.0879	-3.0894	4.1953	1.1173	2.819	1.0882	6.2715	1.08822
2600	-3.8949	-2.8734	4.2322	1.1214	2.900	1.1032	6.5646	1.10320
2700	-3.7172	-2.6737	4.2653	1.1269	2.982	1.1176	6.8220	1.11759
2800	-3.5556	-2.4910	4.2949	1.1339	3.064	1.1312	7.0432	1.13116
2900	-3.4106	-2.3261	4.3212	1.1425	3.148	1.1436	7.2248	1.14364
3000	-3.2821	-2.1786	4.3444	1.1531	3.232	1.1548	7.3673	1.15485
3100	-3.1698	-2.0484	4.3648	1.1659	3.318	1.1646	7.4720	1.16465
3200	-3.0723	-1.9340	4.3826	1.1806	3.404	1.1730	7.5412	1.17300
3300	-2.9881	-1.8339	4.3982	1.1967	3.491	1.1799	7.5798	1.17992
3400	-2.9149	-1.7457	4.4119	1.2132	3.576	1.1856	7.5938	1.18557
3500	-2.8507	-1.6672	4.4242	1.2284	3.658	1.1901	7.5880	1.19013
3600	-2.7931	-1.5960	4.4354	1.2407	3.734	1.1938	7.5700	1.19382
3700	-2.7402	-1.5302	4.4458	1.2486	3.802	1.1969	7.5438	1.19686
3800	-2.6904	-1.4678	4.4557	1.2516	3.862	1.1995	7.5156	1.19948
3900	-2.6422	-1.4074	4.4654	1.2498	3.914	1.2018	7.4876	1.20183
4000	-2.5945	-1.3480	4.4750	1.2441	3.958	1.2041	7.4626	1.20408
4100	-2.5465	-1.2884	4.4846	1.2357	3.998	1.2064	7.4439	1.20635
4200	-2.4975	-1.2281	4.4944	1.2257	4.034	1.2087	7.4322	1.20873
4300	-2.4470	-1.1664	4.5044	1.2153	4.069	1.2113	7.4298	1.21132
4400	-2.3947	-1.1031	4.5148	1.2050	4.103	1.2142	7.4354	1.21417
4500	-2.3402	-1.0377	4.5255	1.1953	4.138	1.2173	7.4516	1.21734
4600	-2.2836	-0.9703	4.5364	1.1866	4.174	1.2209	7.4763	1.22085
4700	-2.2249	-0.9009	4.5478	1.1789	4.212	1.2247	7.5105	1.22471
4800	-2.1642	-0.8295	4.5594	1.1722	4.252	1.2290	7.5536	1.22896
4900	-2.1016	-0.7564	4.5713	1.1636	4.289	1.2336	7.6050	1.23358
5000	-2.0354	-0.6797	4.5838	1.1589	4.332	1.2384	7.6691	1.23843
5100	-1.9699	-0.6038	4.5960	1.1579	4.382	1.2437	7.7340	1.24371
5200	-1.9034	-0.5269	4.6083	1.1549	4.429	1.2493	7.8041	1.24933
5300	-1.8362	-0.4493	4.6207	1.1522	4.477	1.2553	7.8786	1.25523
5400	-1.7683	-0.3712	4.6331	1.1502	4.526	1.2614	7.9570	1.26141
5500	-1.7002	-0.2929	4.6455	1.1487	4.577	1.2679	8.0387	1.26784
5600	-1.6320	-0.2146	4.6579	1.1474	4.627	1.2745	8.1221	1.27446
5700	-1.5638	-0.1364	4.6701	1.1465	4.679	1.2813	8.2074	1.28127
5800	-1.4960	-0.0587	4.6822	1.1459	4.732	1.2883	8.2940	1.28827
5900	-1.4285	0.0186	4.6942	1.1455	4.785	1.2955	8.3815	1.29542
6000	-1.3617	0.0952	4.7060	1.1455	4.839	1.3027	8.4686	1.30266
6100	-1.2955	0.1710	4.7176	1.1458	4.893	1.3101	8.5556	1.31001
6200	-1.2303	0.2457	4.7290	1.1462	4.948	1.3176	8.6422	1.31745
6300	-1.1659	0.3195	4.7403	1.1465	5.003	1.3251	8.7281	1.32497
6400	-1.1025	0.3922	4.7512	1.1471	5.058	1.3326	8.8119	1.33247
6500	-1.0400	0.4639	4.7621	1.1477	5.113	1.3402	8.8954	1.34007
6600	-0.9785	0.5345	4.7727	1.1486	5.169	1.3479	8.9775	1.34770
6700	-0.9183	0.6038	4.7831	1.1492	5.224	1.3555	9.0575	1.35531
6800	-0.8588	0.6722	4.7933	1.1500	5.280	1.3632	9.1365	1.36294
6900	-0.8006	0.7391	4.8033	1.1510	5.336	1.3709	9.2134	1.37055
7000	-0.7432	0.8052	4.8131	1.1520	5.392	1.3785	9.2892	1.37819
7100	-0.6872	0.8698	4.8227	1.1532	5.448	1.3862	9.3629	1.38580
7200	-0.6321	0.9333	4.8321	1.1543	5.504	1.3938	9.4348	1.39337
7300	-0.5783	0.9955	4.8412	1.1553	5.559	1.4014	9.5043	1.40089
7400	-0.5252	1.0568	4.8503	1.1562	5.614	1.4090	9.5727	1.40840
7500	-0.4733	1.1168	4.8591	1.1575	5.671	1.4165	9.6386	1.41584
7600	-0.4225	1.1757	4.8677	1.1590	5.727	1.4240	9.7032	1.42325
7700	-0.3728	1.2333	4.8762	1.1603	5.783	1.4314	9.7655	1.43059

S/R= 41.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7800	-0.3240	1.2899	4.8845	1.1613	5.838	1.4388	9.8260	1.43787
7900	-0.2762	1.3455	4.8926	1.1626	5.894	1.4462	9.8851	1.44513
8000	-0.2293	1.4001	4.9006	1.1639	5.949	1.4535	9.9429	1.45234
8100	-0.1834	1.4536	4.9084	1.1652	6.004	1.4607	9.9984	1.45946
8200	-0.1383	1.5060	4.9161	1.1666	6.060	1.4680	10.0524	1.46652
8300	-0.0943	1.5574	4.9236	1.1680	6.115	1.4751	10.1043	1.47350
8400	-0.0511	1.6079	4.9310	1.1692	6.170	1.4822	10.1550	1.48043
8500	-0.0087	1.6576	4.9382	1.1705	6.225	1.4893	10.2044	1.48730
8600	0.0328	1.7062	4.9453	1.1721	6.280	1.4962	10.2516	1.49407
8700	0.0734	1.7537	4.9522	1.1738	6.336	1.5031	10.2969	1.50074
8800	0.1132	1.8005	4.9591	1.1750	6.390	1.5100	10.3413	1.50738
8900	0.1523	1.8465	4.9658	1.1763	6.444	1.5168	10.3846	1.51396
9000	0.1906	1.8915	4.9724	1.1777	6.498	1.5236	10.4260	1.52043
9100	0.2282	1.9359	4.9788	1.1793	6.553	1.5303	10.4665	1.52687
9200	0.2650	1.9793	4.9852	1.1809	6.608	1.5369	10.5052	1.53320
9300	0.3010	2.0218	4.9914	1.1826	6.662	1.5435	10.5421	1.53941
9400	0.3364	2.0637	4.9976	1.1838	6.716	1.5500	10.5784	1.54560
9500	0.3712	2.1049	5.0036	1.1850	6.769	1.5565	10.6138	1.55173
9600	0.4053	2.1453	5.0095	1.1869	6.824	1.5630	10.6476	1.55776
9700	0.4386	2.1849	5.0153	1.1886	6.879	1.5693	10.6799	1.56370
9800	0.4714	2.2239	5.0211	1.1901	6.932	1.5757	10.7116	1.56959
9900	0.5035	2.2622	5.0267	1.1917	6.986	1.5819	10.7417	1.57538
10000	0.5350	2.2997	5.0322	1.1931	7.039	1.5881	10.7704	1.58106
10100	0.5660	2.3367	5.0377	1.1950	7.094	1.5943	10.7986	1.58670
10200	0.5963	2.3730	5.0431	1.1965	7.147	1.6004	10.8255	1.59224
10300	0.6262	2.4088	5.0483	1.1979	7.200	1.6065	10.8520	1.59776
10400	0.6555	2.4439	5.0535	1.2000	7.255	1.6126	10.8770	1.60318
10500	0.6841	2.4783	5.0587	1.2016	7.307	1.6185	10.9010	1.60850
10600	0.7124	2.5123	5.0637	1.2030	7.360	1.6245	10.9245	1.61378
10700	0.7401	2.5457	5.0687	1.2049	7.414	1.6304	10.9469	1.61898
10800	0.7673	2.5785	5.0736	1.2065	7.467	1.6363	10.9680	1.62406
10900	0.7941	2.6108	5.0784	1.2082	7.520	1.6421	10.9891	1.62913
11000	0.8204	2.6426	5.0831	1.2100	7.573	1.6479	11.0090	1.63410
11100	0.8462	2.6738	5.0878	1.2117	7.626	1.6536	11.0278	1.63898
11200	0.8716	2.7046	5.0924	1.2137	7.680	1.6594	11.0465	1.64385
11300	0.8964	2.7347	5.0970	1.2157	7.734	1.6650	11.0634	1.64855
11400	0.9208	2.7644	5.1015	1.2169	7.785	1.6706	11.0802	1.65323
11500	0.9450	2.7939	5.1059	1.2190	7.839	1.6763	11.0967	1.65788
11600	0.9686	2.8226	5.1102	1.2210	7.892	1.6818	11.1119	1.66240
11700	0.9919	2.8511	5.1145	1.2222	7.943	1.6874	11.1267	1.66687
11800	1.0147	2.8791	5.1188	1.2240	7.996	1.6929	11.1408	1.67128
11900	1.0374	2.9068	5.1230	1.2262	8.050	1.6984	11.1549	1.67567
12000	1.0594	2.9338	5.1271	1.2280	8.103	1.7038	11.1675	1.67991
12100	1.0812	2.9606	5.1312	1.2295	8.155	1.7092	11.1801	1.68413
12200	1.1026	2.9870	5.1353	1.2311	8.206	1.7146	11.1919	1.68829
12300	1.1239	3.0132	5.1393	1.2331	8.259	1.7200	11.2039	1.69241
12400	1.1446	3.0387	5.1432	1.2350	8.312	1.7253	11.2144	1.69640
12500	1.1651	3.0640	5.1471	1.2365	8.364	1.7307	11.2251	1.70039
12600	1.1852	3.0890	5.1510	1.2387	8.417	1.7360	11.2352	1.70430
12700	1.2050	3.1135	5.1548	1.2403	8.469	1.7413	11.2448	1.70815
12800	1.2245	3.1377	5.1585	1.2415	8.519	1.7464	11.2537	1.71190
12900	1.2439	3.1618	5.1622	1.2429	8.570	1.7517	11.2627	1.71566
13000	1.2629	3.1854	5.1659	1.2448	8.622	1.7569	11.2715	1.71936
13100	1.2816	3.2088	5.1696	1.2465	8.674	1.7621	11.2795	1.72298
13200	1.3001	3.2318	5.1732	1.2485	8.727	1.7672	11.2872	1.72653



S/R= 41.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13300	1.3183	3.2545	5.1767	1.2498	8.777	1.7723	11.2945	1.73005
13400	1.3363	3.2771	5.1803	1.2513	8.828	1.7774	11.3020	1.73352
13500	1.3539	3.2992	5.1837	1.2528	8.879	1.7825	11.3087	1.73692
13600	1.3715	3.3211	5.1872	1.2540	8.928	1.7876	11.3155	1.74029
13700	1.3889	3.3429	5.1907	1.2555	8.980	1.7926	11.3222	1.74362
13800	1.4058	3.3643	5.1940	1.2560	9.026	1.7976	11.3284	1.74687
13900	1.4228	3.3856	5.1974	1.2571	9.076	1.8026	11.3349	1.75014
14000	1.4395	3.4065	5.2008	1.2587	9.127	1.8075	11.3406	1.75328
14100	1.4560	3.4273	5.2041	1.2596	9.175	1.8125	11.3466	1.75645
14200	1.4723	3.4479	5.2074	1.2601	9.222	1.8175	11.3525	1.75957
14300	1.4885	3.4683	5.2106	1.2612	9.271	1.8223	11.3579	1.76261
14400	1.5045	3.4885	5.2139	1.2624	9.320	1.8272	11.3636	1.76563
14500	1.5203	3.5084	5.2171	1.2629	9.366	1.8320	11.3688	1.76859
14600	1.5359	3.5282	5.2203	1.2630	9.411	1.8368	11.3742	1.77151
14700	1.5515	3.5479	5.2235	1.2633	9.457	1.8416	11.3800	1.77444
14800	1.5668	3.5673	5.2266	1.2637	9.502	1.8463	11.3851	1.77729
14900	1.5822	3.5866	5.2297	1.2631	9.544	1.8510	11.3910	1.78017
15000	1.5974	3.6058	5.2329	1.2627	9.587	1.8557	11.3967	1.78299

S/R= 42.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
700	-6.9429	-6.5342	3.3955	1.3597	1.578	1.0000	3.5515	1.00000
800	-6.7817	-6.3150	3.4572	1.3541	1.683	1.0000	3.5817	1.00000
900	-6.6347	-6.1168	3.5121	1.3442	1.779	1.0000	3.6129	1.00000
1000	-6.5002	-5.9366	3.5619	1.3365	1.869	1.0000	3.6467	1.00000
1100	-6.3757	-5.7707	3.6071	1.3283	1.955	1.0000	3.6791	1.00000
1200	-6.2590	-5.6162	3.6488	1.3215	2.036	1.0000	3.7122	1.00000
1300	-6.1500	-5.4725	3.6874	1.3158	2.115	1.0000	3.7452	1.00000
1400	-6.0469	-5.3372	3.7234	1.3017	2.183	1.0000	3.7779	1.00000
1500	-5.9426	-5.2025	3.7587	1.2798	2.241	1.0004	3.8244	1.00036
1600	-5.8371	-5.0686	3.7935	1.2495	2.288	1.0011	3.8847	1.00112
1700	-5.7203	-4.9248	3.8302	1.2102	2.323	1.0029	3.9788	1.00292
1800	-5.5826	-4.7606	3.8709	1.1730	2.357	1.0065	4.1266	1.00652
1900	-5.4169	-4.5689	3.9166	1.1454	2.401	1.0126	4.3438	1.01264
2000	-5.2237	-4.3496	3.9664	1.1281	2.455	1.0216	4.6278	1.02156
2100	-5.0101	-4.1099	4.0178	1.1184	2.519	1.0330	4.9606	1.03301
2200	-4.7861	-3.8601	4.0683	1.1139	2.590	1.0464	5.3201	1.04640
2300	-4.5613	-3.6100	4.1162	1.1128	2.665	1.0610	5.6821	1.06104
2400	-4.3427	-3.3666	4.1605	1.1140	2.743	1.0763	6.0314	1.07633
2500	-4.1350	-3.1351	4.2012	1.1169	2.823	1.0917	6.3568	1.09173
2600	-3.9413	-2.9184	4.2378	1.1213	2.905	1.1069	6.6502	1.10687
2700	-3.7637	-2.7187	4.2706	1.1272	2.987	1.1213	6.9060	1.12134
2800	-3.6029	-2.5369	4.2999	1.1346	3.071	1.1349	7.1236	1.13490
2900	-3.4594	-2.3734	4.3257	1.1438	3.155	1.1473	7.2999	1.14729
3000	-3.3328	-2.2280	4.3484	1.1551	3.240	1.1583	7.4356	1.15831
3100	-3.2229	-2.1003	4.3683	1.1687	3.326	1.1678	7.5327	1.16785
3200	-3.1280	-1.9886	4.3856	1.1843	3.414	1.1759	7.5935	1.17588
3300	-3.0463	-1.8911	4.4007	1.2012	3.501	1.1825	7.6241	1.18246
3400	-2.9754	-1.8053	4.4141	1.2182	3.587	1.1878	7.6308	1.18777
3500	-2.9131	-1.7289	4.4260	1.2332	3.668	1.1920	7.6188	1.19202
3600	-2.8570	-1.6593	4.4369	1.2446	3.743	1.1955	7.5960	1.19546
3700	-2.8051	-1.5945	4.4471	1.2512	3.809	1.1983	7.5664	1.19830
3800	-2.7558	-1.5327	4.4569	1.2526	3.866	1.2008	7.5361	1.20077
3900	-2.7078	-1.4726	4.4665	1.2493	3.915	1.2030	7.5071	1.20303

S/R= 42.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4000	-2.5600	-1.4130	4.4761	1.2423	3.957	1.2052	7.4823	1.20524
4100	-2.6115	-1.3529	4.4858	1.2328	3.995	1.2075	7.4646	1.20751
4200	-2.5617	-1.2918	4.4957	1.2221	4.030	1.2099	7.4547	1.20993
4300	-2.5101	-1.2291	4.5059	1.2114	4.064	1.2126	7.4548	1.21259
4400	-2.4566	-1.1645	4.5164	1.2010	4.098	1.2156	7.4536	1.21556
4500	-2.4007	-1.0977	4.5273	1.1912	4.133	1.2189	7.4833	1.21886
4600	-2.3426	-1.0288	4.5385	1.1826	4.170	1.2225	7.5120	1.22253
4700	-2.2823	-0.9577	4.5501	1.1751	4.209	1.2266	7.5503	1.22657
4800	-2.2199	-0.8846	4.5619	1.1687	4.249	1.2310	7.5978	1.23101
4900	-2.1557	-0.8096	4.5741	1.1605	4.287	1.2359	7.6536	1.23584
5000	-2.0878	-0.7313	4.5867	1.1561	4.331	1.2409	7.7226	1.24091
5100	-2.0207	-0.6536	4.5992	1.1552	4.382	1.2464	7.7912	1.24641
5200	-1.9526	-0.5751	4.6117	1.1524	4.430	1.2523	7.8653	1.25225
5300	-1.8838	-0.4959	4.6243	1.1500	4.478	1.2584	7.9440	1.25838
5400	-1.8145	-0.4163	4.6369	1.1482	4.528	1.2648	8.0259	1.26477
5500	-1.7450	-0.3365	4.6494	1.1468	4.579	1.2714	8.1112	1.27142
5600	-1.6756	-0.2569	4.6619	1.1456	4.631	1.2783	8.1979	1.27825
5700	-1.6062	-0.1774	4.6742	1.1450	4.684	1.2853	8.2863	1.28527
5800	-1.5372	-0.0985	4.6865	1.1444	4.737	1.2925	8.3758	1.29246
5900	-1.4686	-0.0200	4.6985	1.1442	4.790	1.2999	8.4659	1.29982
6000	-1.4008	0.0575	4.7104	1.1443	4.845	1.3073	8.5556	1.30725
6100	-1.3338	0.1343	4.7221	1.1446	4.900	1.3149	8.6449	1.31478
6200	-1.2677	0.2100	4.7335	1.1451	4.955	1.3225	8.7335	1.32240
6300	-1.2025	0.2846	4.7449	1.1455	5.010	1.3302	8.8214	1.33009
6400	-1.1384	0.3581	4.7559	1.1461	5.066	1.3379	8.9069	1.33776
6500	-1.0752	0.4305	4.7668	1.1468	5.122	1.3457	8.9920	1.34552
6600	-1.0131	0.5018	4.7774	1.1477	5.178	1.3535	9.0757	1.35331
6700	-0.9522	0.5717	4.7878	1.1484	5.233	1.3613	9.1572	1.36107
6800	-0.8922	0.6406	4.7981	1.1493	5.290	1.3691	9.2372	1.36885
6900	-0.8335	0.7081	4.8081	1.1503	5.346	1.3769	9.3154	1.37661
7000	-0.7756	0.7747	4.8179	1.1514	5.402	1.3847	9.3923	1.38439
7100	-0.7191	0.8398	4.8275	1.1526	5.459	1.3925	9.4669	1.39213
7200	-0.6637	0.9037	4.8369	1.1537	5.515	1.4002	9.5396	1.39983
7300	-0.6095	0.9663	4.8460	1.1547	5.571	1.4079	9.6100	1.40747
7400	-0.5560	1.0280	4.8551	1.1556	5.626	1.4156	9.6789	1.41510
7500	-0.5039	1.0883	4.8639	1.1570	5.683	1.4233	9.7456	1.42266
7600	-0.4527	1.1476	4.8725	1.1585	5.740	1.4309	9.8108	1.43019
7700	-0.4028	1.2055	4.8810	1.1598	5.796	1.4384	9.8736	1.43764
7800	-0.3537	1.2624	4.8892	1.1609	5.851	1.4459	9.9346	1.44503
7900	-0.3056	1.3182	4.8974	1.1622	5.907	1.4534	9.9941	1.45239
8000	-0.2585	1.3731	4.9054	1.1635	5.963	1.4608	10.0522	1.45971
8100	-0.2124	1.4267	4.9132	1.1649	6.019	1.4681	10.1080	1.46693
8200	-0.1672	1.4794	4.9208	1.1663	6.074	1.4754	10.1622	1.47409
8300	-0.1230	1.5310	4.9283	1.1677	6.130	1.4826	10.2143	1.48115
8400	-0.0796	1.5816	4.9356	1.1689	6.185	1.4898	10.2651	1.48818
8500	-0.0370	1.6315	4.9429	1.1702	6.240	1.4970	10.3147	1.49514
8600	0.0046	1.6802	4.9499	1.1718	6.296	1.5040	10.3619	1.50199
8700	0.0453	1.7279	4.9569	1.1735	6.351	1.5110	10.4074	1.50875
8800	0.0852	1.7748	4.9637	1.1747	6.406	1.5179	10.4517	1.51547
8900	0.1244	1.8209	4.9704	1.1760	6.460	1.5248	10.4950	1.52212
9000	0.1628	1.8661	4.9769	1.1775	6.515	1.5316	10.5364	1.52867
9100	0.2005	1.9105	4.9834	1.1791	6.570	1.5384	10.5769	1.53518
9200	0.2374	1.9540	4.9897	1.1807	6.625	1.5451	10.6154	1.54158
9300	0.2734	1.9966	4.9959	1.1823	6.680	1.5517	10.6522	1.54787
9400	0.3089	2.0385	5.0020	1.1836	6.733	1.5583	10.6884	1.55412

S/R= 42.0

T	LOG(RHO)	LOG(P)	LOG(H/2)	GAMMA-E	A/AA	Z	H/RT	Z*
9500	0.3438	2.0798	5.0081	1.1848	6.787	1.5648	10.7235	1.56031
9600	0.3779	2.1203	5.0140	1.1868	6.842	1.5713	10.7572	1.56641
9700	0.4112	2.1599	5.0198	1.1884	6.896	1.5777	10.7893	1.57241
9800	0.4441	2.1990	5.0255	1.1899	6.950	1.5841	10.8208	1.57836
9900	0.4762	2.2372	5.0311	1.1915	7.004	1.5904	10.8505	1.58420
10000	0.5077	2.2748	5.0366	1.1929	7.057	1.5966	10.8790	1.58994
10100	0.5387	2.3118	5.0420	1.1948	7.112	1.6028	10.9069	1.59564
10200	0.5691	2.3481	5.0474	1.1964	7.165	1.6090	10.9335	1.60123
10300	0.5990	2.3839	5.0526	1.1978	7.218	1.6151	10.9597	1.60681
10400	0.6283	2.4190	5.0578	1.1998	7.273	1.6211	10.9843	1.61227
10500	0.6569	2.4534	5.0629	1.2013	7.326	1.6271	11.0079	1.61764
10600	0.6852	2.4874	5.0679	1.2028	7.379	1.6331	11.0310	1.62297
10700	0.7129	2.5207	5.0729	1.2047	7.433	1.6390	11.0530	1.62821
10800	0.7401	2.5535	5.0777	1.2063	7.486	1.6448	11.0737	1.63333
10900	0.7669	2.5858	5.0825	1.2081	7.539	1.6507	11.0944	1.63844
11000	0.7931	2.6176	5.0873	1.2098	7.593	1.6565	11.1138	1.64346
11100	0.8189	2.6487	5.0919	1.2114	7.645	1.6622	11.1322	1.64837
11200	0.8443	2.6795	5.0965	1.2134	7.699	1.6679	11.1505	1.65328
11300	0.8690	2.7096	5.1010	1.2154	7.753	1.6735	11.1669	1.65802
11400	0.8934	2.7393	5.1055	1.2165	7.804	1.6791	11.1831	1.66273
11500	0.9176	2.7687	5.1099	1.2187	7.858	1.6848	11.1992	1.66742
11600	0.9411	2.7974	5.1142	1.2206	7.911	1.6903	11.2139	1.67197
11700	0.9644	2.8258	5.1185	1.2219	7.962	1.6958	11.2281	1.67647
11800	0.9872	2.8537	5.1227	1.2238	8.015	1.7013	11.2418	1.68091
11900	1.0098	2.8814	5.1269	1.2258	8.069	1.7068	11.2554	1.68533
12000	1.0318	2.9084	5.1310	1.2277	8.121	1.7121	11.2674	1.68960
12100	1.0536	2.9351	5.1351	1.2291	8.173	1.7175	11.2794	1.69386
12200	1.0750	2.9614	5.1391	1.2305	8.224	1.7228	11.2908	1.69804
12300	1.0962	2.9875	5.1431	1.2325	8.277	1.7282	11.3020	1.70219
12400	1.1168	3.0130	5.1470	1.2344	8.330	1.7334	11.3120	1.70621
12500	1.1373	3.0383	5.1508	1.2360	8.381	1.7387	11.3222	1.71023
12600	1.1574	3.0632	5.1547	1.2381	8.435	1.7439	11.3317	1.71416
12700	1.1771	3.0876	5.1584	1.2399	8.487	1.7491	11.3407	1.71803
12800	1.1966	3.1118	5.1622	1.2410	8.536	1.7543	11.3491	1.72181
12900	1.2159	3.1357	5.1659	1.2422	8.586	1.7594	11.3575	1.72559
13000	1.2349	3.1593	5.1695	1.2441	8.639	1.7646	11.3655	1.72931
13100	1.2536	3.1826	5.1731	1.2457	8.690	1.7697	11.3730	1.73296
13200	1.2720	3.2055	5.1767	1.2476	8.742	1.7747	11.3801	1.73653
13300	1.2901	3.2281	5.1803	1.2489	8.792	1.7797	11.3868	1.74007
13400	1.3081	3.2506	5.1838	1.2505	8.843	1.7848	11.3937	1.74356
13500	1.3257	3.2726	5.1872	1.2520	8.894	1.7897	11.3996	1.74699
13600	1.3432	3.2946	5.1907	1.2531	8.943	1.7947	11.4059	1.75038
13700	1.3604	3.3162	5.1941	1.2546	8.994	1.7997	11.4118	1.75373
13800	1.3774	3.3375	5.1975	1.2552	9.041	1.8046	11.4175	1.75700
13900	1.3944	3.3588	5.2008	1.2564	9.090	1.8095	11.4234	1.76029
14000	1.4110	3.3796	5.2041	1.2578	9.140	1.8143	11.4285	1.76345
14100	1.4274	3.4003	5.2074	1.2585	9.188	1.8192	11.4338	1.76664
14200	1.4437	3.4209	5.2107	1.2592	9.235	1.8240	11.4390	1.76979
14300	1.4598	3.4412	5.2139	1.2601	9.283	1.8288	11.4439	1.77285
14400	1.4757	3.4612	5.2171	1.2614	9.332	1.8335	11.4487	1.77588
14500	1.4915	3.4811	5.2203	1.2619	9.378	1.8382	11.4535	1.77887
14600	1.5070	3.5007	5.2235	1.2619	9.423	1.8428	11.4580	1.78181
14700	1.5226	3.5203	5.2266	1.2624	9.468	1.8475	11.4631	1.78476
14800	1.5379	3.5396	5.2297	1.2628	9.514	1.8521	11.4676	1.78763
14900	1.5531	3.5589	5.2329	1.2623	9.556	1.8567	11.4727	1.79053

S/R= 42.0								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
15000	1.5682	3.5780	5.2360	1.2620	9.599	1.8613	11.4778	1.79338
S/R= 42.2								
T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
800	-6.8686	-6.4019	3.4572	1.3475	1.679	1.0000	3.5817	1.00000
900	-6.7214	-6.2036	3.5121	1.3440	1.779	1.0000	3.6129	1.00000
1000	-6.5870	-6.0234	3.5619	1.3367	1.870	1.0000	3.6467	1.00000
1100	-6.4626	-5.8576	3.6071	1.3282	1.955	1.0000	3.6791	1.00000
1200	-6.3458	-5.7030	3.6488	1.3215	2.036	1.0000	3.7122	1.00000
1300	-6.2369	-5.5593	3.6874	1.3161	2.115	1.0000	3.7452	1.00000
1400	-6.1339	-5.4242	3.7234	1.3008	2.182	1.0000	3.7778	1.00000
1500	-6.0288	-5.2887	3.7589	1.2774	2.239	1.0004	3.8260	1.00040
1600	-5.9220	-5.1535	3.7940	1.2456	2.284	1.0012	3.8891	1.00124
1700	-5.8026	-5.0069	3.8313	1.2052	2.318	1.0032	3.9891	1.00321
1800	-5.6603	-4.8381	3.8730	1.1683	2.353	1.0071	4.1470	1.00712
1900	-5.4886	-4.6401	3.9200	1.1416	2.398	1.0137	4.3777	1.01370
2000	-5.2888	-4.4140	3.9709	1.1253	2.454	1.0231	4.6761	1.02314
2100	-5.0692	-4.1681	4.0231	1.1165	2.519	1.0351	5.0220	1.03511
2200	-4.8403	-3.9133	4.0742	1.1126	2.591	1.0490	5.3920	1.04899
2300	-4.6119	-3.6593	4.1223	1.1119	2.668	1.0640	5.7614	1.06403
2400	-4.3907	-3.4134	4.1666	1.1134	2.747	1.0796	6.1153	1.07963
2500	-4.1817	-3.1804	4.2070	1.1166	2.828	1.0953	6.4428	1.09526
2600	-3.9874	-2.9631	4.2434	1.1214	2.910	1.1106	6.7361	1.11056
2700	-3.8101	-2.7637	4.2758	1.1276	2.993	1.1251	6.9897	1.12508
2800	-3.6503	-2.5829	4.3047	1.1355	3.077	1.1386	7.2032	1.13862
2900	-3.5084	-2.4211	4.3301	1.1453	3.162	1.1509	7.3737	1.15088
3000	-3.3841	-2.2780	4.3523	1.1573	3.248	1.1617	7.5022	1.16168
3100	-3.2767	-2.1529	4.3717	1.1718	3.335	1.1709	7.5910	1.17093
3200	-3.1844	-2.0440	4.3884	1.1883	3.423	1.1786	7.6434	1.17863
3300	-3.1052	-1.9492	4.4031	1.2060	3.512	1.1849	7.6657	1.18485
3400	-3.0366	-1.8658	4.4160	1.2232	3.597	1.1898	7.6653	1.18982
3500	-2.9761	-1.7913	4.4276	1.2379	3.678	1.1938	7.6475	1.19378
3600	-2.9214	-1.7231	4.4383	1.2482	3.750	1.1970	7.6202	1.19697
3700	-2.8704	-1.6593	4.4483	1.2532	3.814	1.1996	7.5876	1.19963
3800	-2.8215	-1.5980	4.4581	1.2531	3.869	1.2020	7.5556	1.20197
3900	-2.7735	-1.5379	4.4676	1.2483	3.915	1.2042	7.5261	1.20416
4000	-2.7254	-1.4780	4.4772	1.2400	3.956	1.2063	7.5017	1.20634
4100	-2.6763	-1.4174	4.4870	1.2296	3.992	1.2086	7.4853	1.20863
4200	-2.6257	-1.3554	4.4970	1.2183	4.026	1.2111	7.4776	1.21111
4300	-2.5730	-1.2915	4.5074	1.2072	4.059	1.2139	7.4805	1.21386
4400	-2.5181	-1.2255	4.5181	1.1968	4.094	1.2170	7.4926	1.21695
4500	-2.4608	-1.1572	4.5292	1.1872	4.129	1.2204	7.5162	1.22040
4600	-2.4011	-1.0866	4.5407	1.1788	4.166	1.2242	7.5491	1.22424
4700	-2.3391	-1.0138	4.5524	1.1715	4.206	1.2285	7.5917	1.22848
4800	-2.2750	-0.9389	4.5645	1.1653	4.247	1.2331	7.6437	1.23312
4900	-2.2090	-0.8622	4.5769	1.1576	4.285	1.2382	7.7040	1.23817
5000	-2.1395	-0.7820	4.5898	1.1535	4.331	1.2435	7.7774	1.24346
5100	-2.0707	-0.7026	4.6025	1.1526	4.382	1.2492	7.8504	1.24919
5200	-2.0010	-0.6225	4.6152	1.1500	4.431	1.2553	7.9284	1.25524
5300	-1.9307	-0.5417	4.6280	1.1478	4.480	1.2616	8.0111	1.26160
5400	-1.8600	-0.4605	4.6407	1.1462	4.531	1.2682	8.0968	1.26821
5500	-1.7891	-0.3793	4.6534	1.1450	4.582	1.2751	8.1855	1.27507
5600	-1.7184	-0.2984	4.6660	1.1440	4.635	1.2821	8.2755	1.28212
5700	-1.6478	-0.2176	4.6784	1.1435	4.688	1.2894	8.3670	1.28934

S/R= 42.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5800	-1.5777	-0.1376	4.6908	1.1431	4.742	1.2968	8.4593	1.29674
5900	-1.5081	-0.0580	4.7029	1.1429	4.796	1.3043	8.5521	1.30428
5000	-1.4393	0.0206	4.7149	1.1431	4.851	1.3120	8.6442	1.31191
6100	-1.3713	0.0983	4.7266	1.1435	4.906	1.3197	8.7357	1.31962
6200	-1.3044	0.1749	4.7382	1.1441	4.962	1.3275	8.8264	1.32742
6300	-1.2385	0.2503	4.7495	1.1445	5.018	1.3354	8.9161	1.33528
6400	-1.1736	0.3246	4.7606	1.1452	5.074	1.3432	9.0034	1.34311
6500	-1.1098	0.3977	4.7715	1.1460	5.130	1.3512	9.0901	1.35104
6600	-1.0470	0.4696	4.7822	1.1469	5.187	1.3591	9.1752	1.35898
6700	-0.9856	0.5401	4.7926	1.1476	5.243	1.3671	9.2580	1.36689
6800	-0.9250	0.6096	4.8028	1.1486	5.299	1.3750	9.3394	1.37481
6900	-0.8659	0.6776	4.8128	1.1496	5.356	1.3830	9.4186	1.38272
7000	-0.8076	0.7447	4.8227	1.1507	5.413	1.3909	9.4964	1.39063
7100	-0.7507	0.8102	4.8323	1.1520	5.470	1.3988	9.5720	1.39850
7200	-0.6948	0.8746	4.8417	1.1531	5.526	1.4067	9.6454	1.40633
7300	-0.6402	0.9375	4.8508	1.1542	5.583	1.4145	9.7166	1.41410
7400	-0.5865	0.9996	4.8599	1.1552	5.639	1.4223	9.7863	1.42185
7500	-0.5340	1.0603	4.8687	1.1565	5.695	1.4301	9.8535	1.42953
7600	-0.4825	1.1198	4.8773	1.1581	5.753	1.4378	9.9191	1.43717
7700	-0.4323	1.1780	4.8857	1.1594	5.809	1.4455	9.9824	1.44473
7800	-0.3830	1.2352	4.8940	1.1605	5.865	1.4530	10.0439	1.45223
7900	-0.3347	1.2913	4.9021	1.1618	5.921	1.4606	10.1037	1.45969
8000	-0.2874	1.3463	4.9101	1.1632	5.977	1.4681	10.1621	1.46711
8100	-0.2411	1.4002	4.9179	1.1645	6.033	1.4756	10.2181	1.47442
8200	-0.1957	1.4531	4.9255	1.1659	6.089	1.4829	10.2727	1.48168
8300	-0.1513	1.5049	4.9330	1.1674	6.145	1.4902	10.3249	1.48884
8400	-0.1078	1.5557	4.9403	1.1686	6.200	1.4975	10.3758	1.49595
8500	-0.0651	1.6056	4.9475	1.1699	6.255	1.5047	10.4254	1.50300
8600	-0.0233	1.6546	4.9546	1.1716	6.311	1.5118	10.4728	1.50993
8700	0.0175	1.7024	4.9615	1.1732	6.367	1.5189	10.5182	1.51677
8800	0.0575	1.7493	4.9683	1.1745	6.422	1.5259	10.5627	1.52357
8900	0.0968	1.7956	4.9749	1.1758	6.477	1.5328	10.6058	1.53030
9000	0.1353	1.8408	4.9815	1.1773	6.532	1.5397	10.6471	1.53692
9100	0.1731	1.8853	4.9879	1.1789	6.587	1.5465	10.6875	1.54351
9200	0.2100	1.9289	4.9942	1.1805	6.642	1.5533	10.7259	1.54998
9300	0.2461	1.9716	5.0004	1.1821	6.697	1.5599	10.7625	1.55633
9400	0.2816	2.0135	5.0065	1.1834	6.750	1.5666	10.7985	1.56265
9500	0.3165	2.0549	5.0125	1.1846	6.804	1.5732	10.8335	1.56890
9600	0.3507	2.0954	5.0184	1.1866	6.860	1.5797	10.8668	1.57506
9700	0.3841	2.1350	5.0242	1.1883	6.914	1.5861	10.8988	1.58112
9800	0.4170	2.1741	5.0298	1.1897	6.968	1.5926	10.9300	1.58712
9900	0.4491	2.2124	5.0354	1.1914	7.022	1.5989	10.9595	1.59302
10000	0.4806	2.2500	5.0409	1.1927	7.075	1.6051	10.9875	1.59881
10100	0.5117	2.2870	5.0463	1.1946	7.130	1.6113	11.0151	1.60457
10200	0.5420	2.3233	5.0516	1.1963	7.184	1.6175	11.0414	1.61021
10300	0.5719	2.3591	5.0569	1.1977	7.237	1.6236	11.0672	1.61583
10400	0.6012	2.3942	5.0620	1.1996	7.292	1.6297	11.0916	1.62134
10500	0.6298	2.4286	5.0671	1.2011	7.345	1.6357	11.1147	1.62675
10600	0.6581	2.4626	5.0721	1.2026	7.398	1.6417	11.1374	1.63212
10700	0.6858	2.4959	5.0770	1.2045	7.452	1.6476	11.1590	1.63741
10800	0.7130	2.5286	5.0818	1.2062	7.505	1.6534	11.1792	1.64257
10900	0.7397	2.5609	5.0866	1.2079	7.558	1.6593	11.1994	1.64772
11000	0.7660	2.5926	5.0913	1.2097	7.612	1.6651	11.2184	1.65277
11100	0.7917	2.6238	5.0960	1.2114	7.665	1.6708	11.2364	1.65772
11200	0.8170	2.6545	5.1005	1.2132	7.718	1.6765	11.2542	1.66266

S/R= 42.2

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11300	0.8417	2.6845	5.1050	1.2152	7.772	1.6821	11.2701	1.66744
11400	0.8661	2.7142	5.1094	1.2163	7.823	1.6877	11.2859	1.67219
11500	0.8903	2.7436	5.1138	1.2183	7.876	1.6933	11.3014	1.67690
11600	0.9138	2.7722	5.1181	1.2203	7.930	1.6987	11.3155	1.68149
11700	0.9370	2.8006	5.1224	1.2217	7.981	1.7042	11.3292	1.68602
11800	0.9598	2.8284	5.1265	1.2235	8.034	1.7096	11.3424	1.69049
11900	0.9823	2.8560	5.1308	1.2256	8.088	1.7151	11.3555	1.69493
12000	1.0043	2.8829	5.1348	1.2274	8.140	1.7204	11.3669	1.69923
12100	1.0260	2.9096	5.1389	1.2286	8.191	1.7258	11.3783	1.70351
12200	1.0473	2.9359	5.1428	1.2300	8.242	1.7310	11.3891	1.70772
12300	1.0685	2.9619	5.1468	1.2321	8.295	1.7363	11.3998	1.71189
12400	1.0891	2.9873	5.1507	1.2340	8.348	1.7415	11.4092	1.71594
12500	1.1095	3.0125	5.1545	1.2355	8.399	1.7468	11.4187	1.71998
12600	1.1295	3.0373	5.1583	1.2376	8.452	1.7519	11.4276	1.72393
12700	1.1493	3.0617	5.1621	1.2394	8.504	1.7571	11.4360	1.72783
12800	1.1687	3.0858	5.1658	1.2405	8.554	1.7621	11.4438	1.73162
12900	1.1879	3.1096	5.1695	1.2419	8.604	1.7672	11.4517	1.73542
13000	1.2068	3.1332	5.1731	1.2434	8.655	1.7723	11.4591	1.73917
13100	1.2255	3.1564	5.1767	1.2450	8.706	1.7773	11.4659	1.74283
13200	1.2438	3.1792	5.1802	1.2470	8.759	1.7822	11.4723	1.74643
13300	1.2619	3.2018	5.1837	1.2481	8.808	1.7872	11.4785	1.74998
13400	1.2798	3.2242	5.1872	1.2497	8.859	1.7921	11.4847	1.75350
13500	1.2974	3.2461	5.1907	1.2512	8.909	1.7970	11.4900	1.75694
13600	1.3148	3.2679	5.1941	1.2523	8.958	1.8019	11.4956	1.76035
13700	1.3320	3.2895	5.1975	1.2538	9.009	1.8067	11.5009	1.76371
13800	1.3489	3.3107	5.2008	1.2544	9.056	1.8115	11.5059	1.76700
13900	1.3658	3.3319	5.2041	1.2555	9.105	1.8164	11.5111	1.77031
14000	1.3824	3.3527	5.2074	1.2570	9.155	1.8211	11.5156	1.77349
14100	1.3988	3.3733	5.2107	1.2577	9.202	1.8259	11.5204	1.77670
14200	1.4150	3.3937	5.2139	1.2583	9.248	1.8306	11.5249	1.77987
14300	1.4311	3.4139	5.2171	1.2594	9.297	1.8352	11.5291	1.78294
14400	1.4469	3.4339	5.2203	1.2603	9.344	1.8399	11.5333	1.78600
14500	1.4626	3.4537	5.2235	1.2609	9.391	1.8445	11.5372	1.78900
14600	1.4781	3.4732	5.2266	1.2611	9.435	1.8490	11.5412	1.79196
14700	1.4936	3.4928	5.2297	1.2614	9.480	1.8536	11.5456	1.79493
14800	1.5088	3.5120	5.2328	1.2620	9.526	1.8580	11.5493	1.79782
14900	1.5240	3.5311	5.2359	1.2617	9.569	1.8625	11.5537	1.80073
15000	1.5390	3.5501	5.2390	1.2614	9.611	1.8670	11.5580	1.80360

S/R= 42.4

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
800	-6.9554	-5.4887	3.4572	1.3476	1.679	1.0000	3.5816	1.00000
900	-6.8082	-5.2904	3.5121	1.3443	1.779	1.0000	3.6129	1.00000
1000	-6.6739	-5.1103	3.5619	1.3368	1.870	1.0000	3.6467	1.00000
1100	-6.5496	-5.9446	3.6071	1.3281	1.955	1.0000	3.6791	1.00000
1200	-6.4326	-5.7898	3.6488	1.3212	2.036	1.0000	3.7122	1.00000
1300	-6.3236	-5.6461	3.6874	1.3163	2.115	1.0000	3.7452	1.00000
1400	-6.2208	-5.5111	3.7234	1.2999	2.182	1.0000	3.7779	1.00000
1500	-6.1149	-5.3748	3.7590	1.2748	2.237	1.0004	3.8277	1.00044
1600	-6.0067	-5.2381	3.7945	1.2415	2.281	1.0014	3.8940	1.00136
1700	-5.8844	-5.0885	3.8326	1.2002	2.314	1.0035	4.0004	1.00352
1800	-5.7373	-4.9148	3.8753	1.1636	2.349	1.0078	4.1691	1.00777
1900	-5.5593	-4.7103	3.9236	1.1379	2.395	1.0148	4.4137	1.01482
2000	-5.3528	-4.4773	3.9756	1.1226	2.453	1.0248	4.7268	1.02480

S/R= 42.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2100	-5.1272	-4.2253	4.0286	1.1146	2.520	1.0373	5.0856	1.03730
2200	-4.8936	-3.9655	4.0801	1.1113	2.593	1.0516	5.4657	1.05164
2300	-4.6617	-3.7079	4.1283	1.1110	2.670	1.0671	5.8422	1.06708
2400	-4.4383	-3.4596	4.1726	1.1129	2.750	1.0830	6.2004	1.08298
2500	-4.2280	-3.2252	4.2128	1.1164	2.832	1.0988	6.5295	1.09883
2600	-4.0333	-3.0075	4.2489	1.1214	2.915	1.1143	6.8222	1.11426
2700	-3.8565	-2.8085	4.2810	1.1281	2.999	1.1288	7.0731	1.12882
2800	-3.6979	-2.6291	4.3094	1.1365	3.083	1.1423	7.2819	1.14230
2900	-3.5578	-2.4692	4.3343	1.1469	3.169	1.1544	7.4460	1.15440
3000	-3.4359	-2.3286	4.3560	1.1598	3.256	1.1650	7.5668	1.16496
3100	-3.3311	-2.2063	4.3748	1.1753	3.344	1.1739	7.6469	1.17389
3200	-3.2416	-2.1002	4.3911	1.1927	3.434	1.1812	7.6906	1.18123
3300	-3.1650	-2.0081	4.4053	1.2110	3.522	1.1871	7.7049	1.18709
3400	-3.0986	-1.9271	4.4178	1.2283	3.608	1.1917	7.6973	1.19173
3500	-3.0398	-1.8543	4.4291	1.2424	3.687	1.1954	7.6739	1.19541
3600	-2.9862	-1.7875	4.4395	1.2515	3.758	1.1984	7.6426	1.19837
3700	-2.9360	-1.7244	4.4494	1.2549	3.819	1.2009	7.6074	1.20086
3800	-2.8874	-1.6635	4.4591	1.2530	3.870	1.2031	7.5741	1.20310
3900	-2.8394	-1.6034	4.4687	1.2467	3.915	1.2052	7.5444	1.20523
4000	-2.7908	-1.5431	4.4783	1.2372	3.953	1.2074	7.5209	1.20740
4100	-2.7410	-1.4817	4.4882	1.2261	3.988	1.2097	7.5062	1.20973
4200	-2.6894	-1.4187	4.4984	1.2143	4.021	1.2123	7.5010	1.21227
4300	-2.6355	-1.3535	4.5089	1.2030	4.054	1.2151	7.5070	1.21513
4400	-2.5792	-1.2861	4.5198	1.1925	4.089	1.2184	7.5228	1.21835
4500	-2.5203	-1.2162	4.5312	1.1832	4.125	1.2220	7.5504	1.22196
4600	-2.4589	-1.1438	4.5429	1.1750	4.163	1.2260	7.5876	1.22599
4700	-2.3952	-1.0692	4.5549	1.1679	4.203	1.2304	7.6348	1.23043
4800	-2.3293	-0.9925	4.5672	1.1620	4.245	1.2353	7.6914	1.23528
4900	-2.2616	-0.9139	4.5798	1.1547	4.284	1.2406	7.7562	1.24055
5000	-2.1904	-0.8320	4.5930	1.1509	4.330	1.2461	7.8340	1.24606
5100	-2.1199	-0.7509	4.6058	1.1502	4.382	1.2520	7.9114	1.25203
5200	-2.0487	-0.6690	4.6187	1.1478	4.432	1.2583	7.9936	1.25831
5300	-1.9768	-0.5867	4.6317	1.1458	4.482	1.2649	8.0802	1.26489
5400	-1.9047	-0.5040	4.6445	1.1443	4.533	1.2717	8.1697	1.27172
5500	-1.8324	-0.4214	4.6574	1.1432	4.586	1.2788	8.2619	1.27880
5600	-1.7604	-0.3391	4.6701	1.1424	4.638	1.2861	8.3551	1.28605
5700	-1.6887	-0.2572	4.6827	1.1420	4.692	1.2935	8.4496	1.29349
5800	-1.6175	-0.1759	4.6951	1.1417	4.747	1.3011	8.5446	1.30108
5900	-1.5469	-0.0953	4.7074	1.1416	4.801	1.3089	8.6400	1.30882
6000	-1.4771	-0.0157	4.7194	1.1420	4.857	1.3167	8.7344	1.31664
6100	-1.4083	0.0630	4.7312	1.1424	4.913	1.3246	8.8281	1.32452
6200	-1.3406	0.1404	4.7428	1.1431	4.970	1.3326	8.9208	1.33250
6300	-1.2739	0.2167	4.7542	1.1437	5.026	1.3406	9.0123	1.34053
6400	-1.2083	0.2916	4.7653	1.1443	5.082	1.3487	9.1013	1.34853
6500	-1.1438	0.3654	4.7762	1.1452	5.139	1.3567	9.1895	1.35661
6600	-1.0805	0.4380	4.7869	1.1462	5.196	1.3649	9.2760	1.36471
6700	-1.0185	0.5090	4.7974	1.1470	5.253	1.3729	9.3600	1.37277
6800	-0.9574	0.5791	4.8076	1.1479	5.309	1.3810	9.4426	1.38084
6900	-0.8978	0.6476	4.8175	1.1490	5.366	1.3891	9.5228	1.38888
7000	-0.8391	0.7152	4.8274	1.1502	5.424	1.3972	9.6017	1.39693
7100	-0.7817	0.7811	4.8370	1.1514	5.481	1.4052	9.6781	1.40493
7200	-0.7255	0.8459	4.8464	1.1526	5.538	1.4132	9.7524	1.41289
7300	-0.6706	0.9092	4.8556	1.1537	5.595	1.4212	9.8240	1.42078
7400	-0.6165	0.9716	4.8646	1.1547	5.651	1.4291	9.8945	1.42865
7500	-0.5637	1.0326	4.8734	1.1561	5.708	1.4370	9.9622	1.43644

S/R= 42.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7600	-0.5127	1.0925	4.8823	1.1576	5.765	1.4448	10.2284	1.44419
7700	-0.4615	1.1509	4.8905	1.1593	5.822	1.4525	10.0923	1.45136
7800	-0.4120	1.2084	4.8987	1.1601	5.878	1.4602	10.1539	1.45946
7900	-0.3635	1.2647	4.9068	1.1614	5.935	1.4679	10.2141	1.46703
8000	-0.3159	1.3203	4.9148	1.1628	5.991	1.4755	10.2727	1.47454
8100	-0.2694	1.3740	4.9225	1.1642	6.047	1.4830	10.3288	1.48195
8200	-0.2239	1.4271	4.9302	1.1657	6.104	1.4905	10.3836	1.48930
8300	-0.1794	1.4793	4.9376	1.1671	6.160	1.4979	10.4361	1.49655
8400	-0.1357	1.5303	4.9449	1.1684	6.215	1.5052	10.4871	1.50375
8500	-0.0929	1.5801	4.9521	1.1697	6.271	1.5125	10.5366	1.51088
8600	-0.0510	1.6291	4.9592	1.1714	6.327	1.5197	10.5843	1.51789
8700	-0.0101	1.6771	4.9660	1.1730	6.383	1.5268	10.6296	1.52481
8800	0.0307	1.7241	4.9728	1.1743	6.438	1.5339	10.6739	1.53168
8900	0.0694	1.7704	4.9795	1.1756	6.493	1.5409	10.7173	1.53849
9000	0.1080	1.8158	4.9860	1.1771	6.548	1.5478	10.7583	1.54519
9100	0.1458	1.8604	4.9924	1.1788	6.604	1.5547	10.7984	1.55184
9200	0.1828	1.9040	4.9987	1.1803	6.659	1.5615	10.8368	1.55838
9300	0.2197	1.9467	5.0048	1.1819	6.714	1.5682	10.8732	1.56479
9400	0.2545	1.9888	5.0109	1.1832	6.768	1.5749	10.9089	1.57117
9500	0.2895	2.0301	5.0169	1.1845	6.822	1.5815	10.9435	1.57749
9600	0.3237	2.0707	5.0227	1.1865	6.878	1.5881	10.9767	1.58370
9700	0.3571	2.1104	5.0285	1.1882	6.932	1.5946	11.0083	1.58982
9800	0.3900	2.1495	5.0342	1.1896	6.986	1.6010	11.0393	1.59588
9900	0.4222	2.1878	5.0397	1.1912	7.041	1.6074	11.0685	1.60183
10000	0.4537	2.2253	5.0452	1.1926	7.094	1.6136	11.0963	1.60767
10100	0.4847	2.2624	5.0506	1.1944	7.148	1.6199	11.1234	1.61347
10200	0.5151	2.2986	5.0558	1.1961	7.203	1.6260	11.1493	1.61917
10300	0.5450	2.3344	5.0611	1.1976	7.256	1.6322	11.1746	1.62483
10400	0.5742	2.3695	5.0662	1.1996	7.311	1.6383	11.1987	1.63039
10500	0.6028	2.4039	5.0712	1.2009	7.363	1.6443	11.2215	1.63584
10600	0.6311	2.4378	5.0762	1.2025	7.417	1.6503	11.2437	1.64125
10700	0.6588	2.4711	5.0811	1.2044	7.471	1.6562	11.2649	1.64658
10800	0.6859	2.5038	5.0859	1.2060	7.524	1.6620	11.2846	1.65178
10900	0.7126	2.5361	5.0907	1.2077	7.577	1.6679	11.3043	1.65696
11000	0.7388	2.5678	5.0953	1.2095	7.631	1.6736	11.3228	1.66205
11100	0.7645	2.5988	5.0999	1.2113	7.684	1.6793	11.3403	1.66704
11200	0.7899	2.6295	5.1045	1.2131	7.737	1.6850	11.3576	1.67200
11300	0.8145	2.6595	5.1090	1.2150	7.791	1.6906	11.3730	1.67681
11400	0.8389	2.6891	5.1134	1.2161	7.841	1.6962	11.3882	1.68159
11500	0.8633	2.7184	5.1177	1.2181	7.895	1.7017	11.4032	1.68633
11600	0.8864	2.7470	5.1220	1.2201	7.949	1.7072	11.4167	1.69094
11700	0.9096	2.7753	5.1262	1.2215	8.000	1.7126	11.4298	1.69550
11800	0.9324	2.8031	5.1304	1.2233	8.053	1.7180	11.4425	1.70000
11900	0.9548	2.8306	5.1345	1.2253	8.106	1.7234	11.4553	1.70447
12000	0.9767	2.8575	5.1386	1.2272	8.159	1.7287	11.4659	1.70879
12100	0.9984	2.8841	5.1426	1.2284	8.210	1.7340	11.4768	1.71309
12200	1.0197	2.9103	5.1465	1.2297	8.260	1.7393	11.4869	1.71731
12300	1.0408	2.9362	5.1505	1.2317	8.314	1.7445	11.4971	1.72152
12400	1.0613	2.9616	5.1543	1.2337	8.366	1.7496	11.5058	1.72558
12500	1.0817	2.9867	5.1582	1.2350	8.417	1.7548	11.5147	1.72964
12600	1.1017	3.0114	5.1619	1.2371	8.470	1.7599	11.5233	1.73361
12700	1.1213	3.0357	5.1657	1.2390	8.522	1.7650	11.5307	1.73752
12800	1.1407	3.0597	5.1693	1.2400	8.571	1.7700	11.5378	1.74134
12900	1.1599	3.0835	5.1733	1.2414	8.622	1.7750	11.5451	1.74516
13000	1.1787	3.1073	5.1766	1.2431	8.673	1.7800	11.5523	1.74892



S/R= 42.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13100	1.1973	3.1301	5.1802	1.2446	8.724	1.7849	11.5582	1.75260
13200	1.2156	3.1529	5.1837	1.2463	8.775	1.7898	11.5640	1.75621
13300	1.2336	3.1753	5.1872	1.2475	8.824	1.7947	11.5694	1.75978
13400	1.2515	3.1976	5.1906	1.2490	8.875	1.7995	11.5750	1.76332
13500	1.2690	3.2195	5.1940	1.2505	8.925	1.8043	11.5797	1.76677
13600	1.2864	3.2412	5.1974	1.2515	8.973	1.8091	11.5845	1.77019
13700	1.3035	3.2627	5.2008	1.2530	9.024	1.8138	11.5892	1.77357
13800	1.3204	3.2838	5.2041	1.2537	9.070	1.8185	11.5934	1.77688
13900	1.3372	3.3049	5.2074	1.2548	9.119	1.8233	11.5980	1.78020
14000	1.3537	3.3256	5.2107	1.2563	9.169	1.8279	11.6019	1.78340
14100	1.3700	3.3462	5.2139	1.2569	9.216	1.8326	11.6060	1.78662
14200	1.3862	3.3665	5.2171	1.2575	9.262	1.8372	11.6100	1.78980
14300	1.4022	3.3866	5.2203	1.2585	9.310	1.8418	11.6135	1.79290
14400	1.4180	3.4065	5.2235	1.2595	9.358	1.8463	11.6171	1.79597
14500	1.4336	3.4262	5.2266	1.2602	9.404	1.8508	11.6204	1.79899
14600	1.4491	3.4457	5.2297	1.2603	9.448	1.8552	11.6236	1.80196
14700	1.4645	3.4651	5.2328	1.2605	9.493	1.8597	11.6274	1.80495
14800	1.4796	3.4842	5.2359	1.2611	9.538	1.8640	11.6304	1.80785
14900	1.4947	3.5032	5.2389	1.2609	9.581	1.8684	11.6340	1.81078
15000	1.5097	3.5222	5.2420	1.2606	9.623	1.8727	11.6376	1.81366

S/R= 42.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
900	-6.8951	-6.3773	3.5121	1.3408	1.776	1.0000	3.6129	1.00000
1000	-6.7609	-6.1973	3.5619	1.3368	1.870	1.0000	3.6467	1.00000
1100	-6.6364	-6.0315	3.6071	1.3281	1.955	1.0000	3.6791	1.00000
1200	-6.5196	-5.8768	3.6488	1.3211	2.036	1.0000	3.7122	1.00000
1300	-6.4104	-5.7329	3.6874	1.3159	2.115	1.0000	3.7452	1.00000
1400	-6.3076	-5.5979	3.7234	1.2989	2.181	1.0000	3.7779	1.00000
1500	-6.2009	-5.4608	3.7592	1.2722	2.234	1.0005	3.8296	1.00049
1600	-6.0912	-5.3226	3.7951	1.2373	2.277	1.0015	3.8993	1.00150
1700	-5.9657	-5.1697	3.8339	1.1951	2.309	1.0039	4.0128	1.00386
1800	-5.8136	-4.9908	3.8778	1.1590	2.346	1.0085	4.1928	1.00847
1900	-5.6290	-4.7795	3.9273	1.1344	2.393	1.0160	4.4520	1.01600
2000	-5.4158	-4.5395	3.9805	1.1201	2.452	1.0265	4.7800	1.02653
2100	-5.1843	-4.2813	4.0342	1.1128	2.520	1.0396	5.1516	1.03956
2200	-4.9460	-4.0167	4.0860	1.1101	2.595	1.0544	5.5414	1.05437
2300	-4.7109	-3.7557	4.1344	1.1102	2.673	1.0702	5.9245	1.07018
2400	-4.4852	-3.5052	4.1786	1.1124	2.754	1.0864	6.2864	1.08637
2500	-4.2738	-3.2697	4.2186	1.1162	2.836	1.1024	6.6169	1.10242
2600	-4.0791	-3.0518	4.2544	1.1216	2.920	1.1180	6.9084	1.11796
2700	-3.9020	-2.8536	4.2860	1.1287	3.004	1.1325	7.1560	1.13253
2800	-3.7457	-2.6755	4.3140	1.1376	3.090	1.1459	7.3596	1.14592
2900	-3.6077	-2.5178	4.3384	1.1488	3.176	1.1578	7.5167	1.15784
3000	-3.4883	-2.3798	4.3596	1.1626	3.264	1.1681	7.6291	1.16813
3100	-3.3863	-2.2604	4.3779	1.1790	3.354	1.1767	7.7004	1.17672
3200	-3.2996	-2.1574	4.3936	1.1974	3.444	1.1837	7.7350	1.18369
3300	-3.2255	-2.0679	4.4073	1.2163	3.533	1.1892	7.7413	1.18919
3400	-3.1612	-1.9891	4.4195	1.2335	3.618	1.1935	7.7270	1.19351
3500	-3.1040	-1.9181	4.4305	1.2467	3.696	1.1969	7.6984	1.19691
3600	-3.0516	-1.8524	4.4407	1.2544	3.764	1.1997	7.6635	1.19966
3700	-3.0019	-1.7900	4.4505	1.2561	3.822	1.2020	7.6261	1.20201
3800	-2.9536	-1.7292	4.4601	1.2525	3.871	1.2042	7.5919	1.20416
3900	-2.9053	-1.6690	4.4697	1.2447	3.913	1.2063	7.5624	1.20625

S/R= : 42.6

T	LOG(RHO)	LOG(P)	LOG(H/2)	GAMMA-E	A/AA	Z	Y/RT	Z*
4000	-2.8562	-1.5081	4.4794	1.2341	3.950	1.2084	7.5401	1.20843
4100	-2.8056	-1.5458	4.4894	1.2223	3.983	1.2108	7.5275	1.21080
4200	-2.7528	-1.4817	4.4998	1.2102	4.016	1.2134	7.5250	1.21343
4300	-2.6976	-1.4152	4.5105	1.1988	4.049	1.2164	7.5344	1.21641
4400	-2.6398	-1.3462	4.5216	1.1884	4.084	1.2198	7.5541	1.21978
4500	-2.5793	-1.2746	4.5332	1.1792	4.120	1.2236	7.5860	1.22356
4600	-2.5162	-1.2004	4.5452	1.1712	4.159	1.2278	7.6277	1.22779
4700	-2.4507	-1.1240	4.5574	1.1645	4.200	1.2324	7.6796	1.23243
4800	-2.3830	-1.0453	4.5700	1.1589	4.243	1.2375	7.7408	1.23750
4900	-2.3134	-0.9649	4.5829	1.1520	4.283	1.2430	7.8104	1.24300
5000	-2.2405	-0.8812	4.5962	1.1484	4.330	1.2488	7.8927	1.24874
5100	-2.1684	-0.7984	4.6093	1.1473	4.383	1.2549	7.9744	1.25494
5200	-2.0955	-0.7148	4.6224	1.1456	4.433	1.2615	8.0609	1.26145
5300	-2.0222	-0.6309	4.6355	1.1438	4.484	1.2683	8.1513	1.26825
5400	-1.9486	-0.5467	4.6486	1.1425	4.536	1.2753	8.2444	1.27531
5500	-1.8750	-0.4627	4.6615	1.1416	4.589	1.2826	8.3401	1.28261
5600	-1.8018	-0.3791	4.6743	1.1409	4.643	1.2901	8.4364	1.29007
5700	-1.7288	-0.2959	4.6870	1.1406	4.697	1.2977	8.5339	1.29771
5800	-1.6566	-0.2136	4.6995	1.1405	4.752	1.3055	8.6316	1.30550
5900	-1.5850	-0.1319	4.7118	1.1405	4.807	1.3135	8.7295	1.31343
6000	-1.5143	-0.0513	4.7239	1.1409	4.864	1.3215	8.8261	1.32143
6100	-1.4446	0.0282	4.7358	1.1414	4.920	1.3296	8.9220	1.32950
6200	-1.3761	0.1065	4.7474	1.1422	4.977	1.3377	9.0167	1.33765
6300	-1.3087	0.1836	4.7589	1.1428	5.034	1.3459	9.1099	1.34585
6400	-1.2425	0.2592	4.7700	1.1435	5.091	1.3541	9.2005	1.35401
6500	-1.1774	0.3337	4.7809	1.1444	5.148	1.3624	9.2902	1.36225
6600	-1.1135	0.4069	4.7917	1.1454	5.205	1.3706	9.3780	1.37050
6700	-1.0509	0.4785	4.8021	1.1463	5.262	1.3789	9.4632	1.37870
6800	-0.9894	0.5491	4.8124	1.1473	5.320	1.3871	9.5469	1.38691
6900	-0.9293	0.6181	4.8224	1.1484	5.377	1.3953	9.6282	1.39510
7000	-0.8701	0.6861	4.8322	1.1496	5.435	1.4035	9.7079	1.40327
7100	-0.8124	0.7525	4.8418	1.1509	5.492	1.4117	9.7851	1.41140
7200	-0.7558	0.8176	4.8512	1.1521	5.550	1.4198	9.8601	1.41949
7300	-0.7006	0.8813	4.8604	1.1532	5.607	1.4279	9.9325	1.42750
7400	-0.6462	0.9441	4.8694	1.1543	5.663	1.4359	10.0034	1.43548
7500	-0.5931	1.0054	4.8782	1.1557	5.721	1.4439	10.0718	1.44338
7600	-0.5411	1.0655	4.8868	1.1573	5.778	1.4518	10.1384	1.45125
7700	-0.4904	1.1242	4.8952	1.1587	5.836	1.4597	10.2024	1.45902
7800	-0.4407	1.1819	4.9034	1.1598	5.892	1.4674	10.2645	1.46673
7900	-0.3919	1.2384	4.9115	1.1611	5.948	1.4752	10.3251	1.47439
8000	-0.3442	1.2939	4.9195	1.1625	6.005	1.4829	10.3839	1.48200
8100	-0.2975	1.3481	4.9272	1.1640	6.062	1.4905	10.4403	1.48951
8200	-0.2518	1.4014	4.9348	1.1654	6.119	1.4981	10.4952	1.49695
8300	-0.2072	1.4535	4.9422	1.1668	6.175	1.5055	10.5478	1.50428
8400	-0.1634	1.5046	4.9495	1.1681	6.231	1.5129	10.5987	1.51156
8500	-0.1204	1.5548	4.9567	1.1695	6.286	1.5203	10.6484	1.51878
8600	-0.0784	1.6040	4.9637	1.1712	6.343	1.5276	10.6957	1.52588
8700	-0.0374	1.6520	4.9706	1.1729	6.399	1.5347	10.7412	1.53287
8800	0.0028	1.6992	4.9773	1.1741	6.454	1.5419	10.7855	1.53981
8900	0.0423	1.7456	4.9840	1.1754	6.509	1.5490	10.8285	1.54669
9000	0.0809	1.7910	4.9904	1.1769	6.565	1.5559	10.8694	1.55346
9100	0.1188	1.8356	4.9968	1.1786	6.621	1.5629	10.9095	1.56018
9200	0.1558	1.8793	5.0031	1.1802	6.676	1.5697	10.9476	1.56678
9300	0.1921	1.9221	5.0092	1.1818	6.731	1.5765	10.9840	1.57325
9400	0.2276	1.9641	5.0153	1.1831	6.785	1.5832	11.0194	1.57970

S/R= 42.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9500	0.2626	2.0056	5.0212	1.1844	6.839	1.5899	11.0538	1.58607
9600	0.2968	2.0461	5.0271	1.1864	6.896	1.5965	11.0866	1.59235
9700	0.3303	2.0858	5.0328	1.1881	6.950	1.6030	11.1181	1.59852
9800	0.3632	2.1249	5.0384	1.1895	7.005	1.6095	11.1486	1.60463
9900	0.3954	2.1633	5.0440	1.1912	7.059	1.6158	11.1776	1.61063
10000	0.4269	2.2008	5.0494	1.1925	7.112	1.6221	11.2050	1.61651
10100	0.4579	2.2378	5.0548	1.1943	7.167	1.6284	11.2318	1.62236
10200	0.4882	2.2741	5.0600	1.1960	7.221	1.6346	11.2572	1.62810
10300	0.5181	2.3098	5.0652	1.1976	7.275	1.6408	11.2821	1.63381
10400	0.5474	2.3449	5.0703	1.1995	7.330	1.6469	11.3057	1.63941
10500	0.5760	2.3792	5.0753	1.2009	7.383	1.6529	11.3281	1.64490
10600	0.6042	2.4132	5.0803	1.2024	7.436	1.6589	11.3499	1.65034
10700	0.6318	2.4464	5.0852	1.2043	7.490	1.6648	11.3704	1.65571
10800	0.6589	2.4791	5.0899	1.2059	7.543	1.6706	11.3898	1.66094
10900	0.6856	2.5113	5.0947	1.2076	7.596	1.6764	11.4089	1.66616
11000	0.7118	2.5429	5.0993	1.2095	7.650	1.6822	11.4269	1.67129
11100	0.7375	2.5740	5.1039	1.2112	7.703	1.6879	11.4439	1.67630
11200	0.7627	2.6046	5.1084	1.2130	7.757	1.6936	11.4606	1.68130
11300	0.7874	2.6345	5.1129	1.2150	7.811	1.6991	11.4755	1.68613
11400	0.8117	2.6641	5.1172	1.2160	7.861	1.7047	11.4902	1.69093
11500	0.8357	2.6933	5.1216	1.2179	7.914	1.7102	11.5046	1.69570
11600	0.8591	2.7218	5.1258	1.2199	7.968	1.7156	11.5176	1.70034
11700	0.8823	2.7501	5.1300	1.2213	8.019	1.7210	11.5301	1.70492
11800	0.9049	2.7778	5.1342	1.2231	8.072	1.7264	11.5421	1.70944
11900	0.9274	2.8053	5.1383	1.2250	8.125	1.7318	11.5540	1.71393
12000	0.9492	2.8321	5.1423	1.2270	8.178	1.7370	11.5643	1.71827
12100	0.9708	2.8586	5.1463	1.2283	8.229	1.7423	11.5745	1.72259
12200	0.9921	2.8847	5.1502	1.2296	8.279	1.7475	11.5842	1.72683
12300	1.0131	2.9105	5.1541	1.2315	8.332	1.7527	11.5937	1.73106
12400	1.0336	2.9358	5.1579	1.2334	8.385	1.7577	11.6018	1.73513
12500	1.0539	2.9608	5.1617	1.2346	8.435	1.7628	11.6101	1.73921
12600	1.0738	2.9855	5.1655	1.2367	8.488	1.7679	11.6177	1.74320
12700	1.0934	3.0097	5.1692	1.2386	8.540	1.7729	11.6247	1.74713
12800	1.1127	3.0336	5.1728	1.2396	8.589	1.7778	11.6313	1.75096
12900	1.1318	3.0573	5.1765	1.2410	8.639	1.7828	11.6378	1.75479
13000	1.1506	3.0807	5.1800	1.2427	8.690	1.7877	11.6441	1.75856
13100	1.1691	3.1037	5.1836	1.2442	8.741	1.7926	11.6497	1.76226
13200	1.1874	3.1264	5.1871	1.2460	8.792	1.7974	11.6548	1.76588
13300	1.2053	3.1488	5.1905	1.2469	8.840	1.8021	11.6597	1.76946
13400	1.2231	3.1710	5.1940	1.2485	8.891	1.8069	11.6646	1.77301
13500	1.2405	3.1928	5.1974	1.2500	8.941	1.8116	11.6685	1.77648
13600	1.2579	3.2144	5.2007	1.2508	8.989	1.8163	11.6728	1.77991
13700	1.2749	3.2358	5.2040	1.2523	9.039	1.8210	11.6768	1.78331
13800	1.2917	3.2569	5.2073	1.2530	9.085	1.8256	11.6804	1.78662
13900	1.3085	3.2779	5.2106	1.2541	9.134	1.8302	11.6842	1.78996
14000	1.3249	3.2985	5.2138	1.2555	9.183	1.8347	11.6874	1.79317
14100	1.3412	3.3189	5.2171	1.2563	9.230	1.8393	11.6908	1.79640
14200	1.3573	3.3392	5.2203	1.2570	9.277	1.8438	11.6941	1.79959
14300	1.3733	3.3592	5.2234	1.2578	9.324	1.8483	11.6971	1.80270
14400	1.3890	3.3790	5.2266	1.2587	9.371	1.8527	11.7000	1.80578
14500	1.4046	3.3986	5.2297	1.2594	9.417	1.8571	11.7027	1.80882
14600	1.4199	3.4180	5.2327	1.2595	9.461	1.8614	11.7052	1.81181
14700	1.4353	3.4373	5.2358	1.2598	9.505	1.8658	11.7082	1.81481
14800	1.4504	3.4563	5.2388	1.2604	9.551	1.8700	11.7106	1.81773
14900	1.4654	3.4753	5.2419	1.2602	9.593	1.8743	11.7136	1.82067

S/R= 42.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
15000	1.4803	3.4941	5.2449	1.2600	9.636	1.8785	11.7164	1.82356

S/R= 42.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
900	-6.9821	-6.4643	3.5121	1.3405	1.776	1.0000	3.6129	1.00000
1000	-6.8478	-6.2842	3.5619	1.3365	1.869	1.0000	3.6467	1.00000
1100	-6.7232	-6.1182	3.6071	1.3282	1.955	1.0000	3.6791	1.00000
1200	-6.6065	-5.9637	3.6488	1.3212	2.036	1.0000	3.7122	1.00000
1300	-6.4974	-5.8199	3.6874	1.3156	2.115	1.0000	3.7452	1.00000
1400	-6.3943	-5.6846	3.7234	1.2976	2.180	1.0000	3.7779	1.00000
1500	-6.2868	-5.5467	3.7595	1.2694	2.232	1.0005	3.8317	1.00054
1600	-6.1754	-5.4068	3.7958	1.2329	2.273	1.0017	3.9051	1.00165
1700	-6.0466	-5.2504	3.8353	1.1900	2.305	1.0042	4.0262	1.00424
1800	-5.8890	-5.0659	3.8804	1.1545	2.342	1.0092	4.2183	1.00922
1900	-5.6976	-4.8476	3.9312	1.1311	2.391	1.0173	4.4925	1.01726
2000	-5.4776	-4.6006	3.9855	1.1177	2.452	1.0283	4.8355	1.02835
2100	-5.2403	-4.3364	4.0399	1.1112	2.521	1.0419	5.2197	1.04190
2200	-4.9975	-4.0571	4.0921	1.1089	2.597	1.0572	5.6189	1.05716
2300	-4.7592	-3.8029	4.1405	1.1095	2.676	1.0733	6.0082	1.07333
2400	-4.5317	-3.5503	4.1846	1.1120	2.758	1.0898	6.3734	1.08980
2500	-4.3194	-3.3139	4.2243	1.1161	2.841	1.1060	6.7045	1.10603
2600	-4.1247	-3.0960	4.2597	1.1219	2.925	1.1217	6.9945	1.12165
2700	-3.9494	-2.8987	4.2910	1.1294	3.010	1.1362	7.2382	1.13622
2800	-3.7938	-2.7223	4.3185	1.1390	3.096	1.1495	7.4360	1.14949
2900	-3.6581	-2.5669	4.3424	1.1509	3.183	1.1612	7.5855	1.16120
3000	-3.5414	-2.4318	4.3630	1.1656	3.273	1.1712	7.6892	1.17118
3100	-3.4423	-2.3154	4.3807	1.1831	3.363	1.1794	7.7511	1.17942
3200	-3.3584	-2.2153	4.3960	1.2023	3.454	1.1860	7.7768	1.18600
3300	-3.2869	-2.1285	4.4092	1.2216	3.544	1.1911	7.7751	1.19114
3400	-3.2246	-2.0518	4.4210	1.2386	3.628	1.1951	7.7544	1.19515
3500	-3.1689	-1.9824	4.4317	1.2508	3.704	1.1983	7.7210	1.19829
3600	-3.1174	-1.9177	4.4418	1.2568	3.769	1.2009	7.6829	1.20085
3700	-3.0682	-1.8558	4.4515	1.2566	3.825	1.2031	7.6438	1.20308
3800	-3.0198	-1.7951	4.4611	1.2514	3.871	1.2052	7.6091	1.20515
3900	-2.9712	-1.7345	4.4707	1.2423	3.911	1.2072	7.5802	1.20723
4000	-2.9215	-1.6730	4.4805	1.2307	3.946	1.2094	7.5594	1.20942
4100	-2.8699	-1.6098	4.4907	1.2183	3.979	1.2119	7.5491	1.21186
4200	-2.8159	-1.5444	4.5012	1.2059	4.011	1.2146	7.5497	1.21459
4300	-2.7593	-1.4764	4.5122	1.1945	4.044	1.2177	7.5528	1.21771
4400	-2.6999	-1.4058	4.5235	1.1842	4.079	1.2212	7.5866	1.22123
4500	-2.6376	-1.3324	4.5353	1.1753	4.116	1.2252	7.6230	1.22520
4600	-2.5728	-1.2564	4.5475	1.1676	4.156	1.2296	7.6695	1.22963
4700	-2.5054	-1.1780	4.5601	1.1612	4.197	1.2345	7.7262	1.23449
4800	-2.4359	-1.0974	4.5729	1.1559	4.241	1.2398	7.7923	1.23979
4900	-2.3645	-1.0151	4.5860	1.1494	4.283	1.2455	7.8665	1.24551
5000	-2.2899	-0.9296	4.5995	1.1461	4.331	1.2515	7.9534	1.25150
5100	-2.2161	-0.8450	4.6128	1.1456	4.384	1.2579	8.0394	1.25792
5200	-2.1416	-0.7598	4.6261	1.1436	4.435	1.2647	8.1300	1.26466
5300	-2.0668	-0.6743	4.6394	1.1420	4.486	1.2717	8.2243	1.27170
5400	-1.9918	-0.5887	4.6526	1.1408	4.539	1.2790	8.3211	1.27897
5500	-1.9169	-0.5032	4.6657	1.1400	4.593	1.2865	8.4201	1.28649
5600	-1.8424	-0.4184	4.6786	1.1395	4.647	1.2942	8.5196	1.29416
5700	-1.7684	-0.3340	4.6914	1.1393	4.702	1.3020	8.6198	1.30200
5800	-1.6951	-0.2505	4.7040	1.1393	4.758	1.3100	8.7203	1.30999

S/R= 42.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5900	-1.6225	-0.1678	4.7164	1.1394	4.814	1.3182	8.8207	1.31811
6000	-1.5509	-0.0863	4.7285	1.1398	4.870	1.3264	8.9196	1.32630
6100	-1.4804	-0.0058	4.7404	1.1405	4.927	1.3346	9.0173	1.33455
6200	-1.4111	0.0732	4.7521	1.1413	4.985	1.3429	9.1145	1.34287
6300	-1.3429	0.1510	4.7636	1.1420	5.042	1.3513	9.2090	1.35123
6400	-1.2761	0.2274	4.7747	1.1427	5.099	1.3597	9.3013	1.35956
6500	-1.2104	0.3025	4.7857	1.1437	5.157	1.3681	9.3922	1.36794
6600	-1.1459	0.3763	4.7964	1.1448	5.215	1.3765	9.4812	1.37634
6700	-1.0829	0.4484	4.8069	1.1457	5.272	1.3848	9.5676	1.38469
6800	-1.0208	0.5196	4.8171	1.1467	5.330	1.3932	9.6524	1.39304
6900	-0.9603	0.5890	4.8272	1.1478	5.388	1.4016	9.7345	1.40136
7000	-0.9007	0.6574	4.8370	1.1491	5.446	1.4099	9.8153	1.40967
7100	-0.8426	0.7242	4.8466	1.1504	5.504	1.4182	9.8931	1.41792
7200	-0.7857	0.7898	4.8560	1.1516	5.561	1.4264	9.9689	1.42613
7300	-0.7301	0.8538	4.8651	1.1528	5.619	1.4346	10.0417	1.43426
7400	-0.6754	0.9168	4.8741	1.1539	5.676	1.4428	10.1132	1.44236
7500	-0.6221	0.9784	4.8829	1.1553	5.734	1.4508	10.1821	1.45037
7600	-0.5699	1.0388	4.8915	1.1569	5.792	1.4589	10.2491	1.45834
7700	-0.5189	1.0978	4.8999	1.1583	5.849	1.4668	10.3134	1.46622
7800	-0.4690	1.1557	4.9081	1.1595	5.906	1.4747	10.3758	1.47403
7900	-0.4200	1.2124	4.9162	1.1608	5.962	1.4825	10.4366	1.48179
8000	-0.3721	1.2681	4.9241	1.1622	6.020	1.4903	10.4957	1.48950
8100	-0.3253	1.3225	4.9318	1.1637	6.077	1.4980	10.5521	1.49709
8200	-0.2795	1.3759	4.9394	1.1652	6.133	1.5057	10.6071	1.50462
8300	-0.2347	1.4282	4.9468	1.1666	6.190	1.5132	10.6597	1.51204
8400	-0.1908	1.4794	4.9541	1.1679	6.246	1.5207	10.7110	1.51940
8500	-0.1477	1.5298	4.9613	1.1693	6.302	1.5281	10.7606	1.52670
8600	-0.1056	1.5793	4.9682	1.1710	6.359	1.5355	10.8077	1.53387
8700	-0.0645	1.6271	4.9751	1.1727	6.415	1.5427	10.8531	1.54094
8800	-0.0242	1.6744	4.9818	1.1739	6.471	1.5499	10.8974	1.54795
8900	0.0153	1.7209	4.9884	1.1753	6.526	1.5570	10.9402	1.55490
9000	0.0540	1.7663	4.9949	1.1768	6.582	1.5641	10.9810	1.56173
9100	0.0919	1.8110	5.0013	1.1785	6.638	1.5711	11.0209	1.56853
9200	0.1290	1.8548	5.0075	1.1801	6.693	1.5780	11.0588	1.57519
9300	0.1653	1.8976	5.0136	1.1818	6.749	1.5848	11.0948	1.58172
9400	0.2009	1.9397	5.0196	1.1830	6.803	1.5915	11.1301	1.58822
9500	0.2359	1.9811	5.0256	1.1843	6.857	1.5983	11.1642	1.59465
9600	0.2701	2.0217	5.0314	1.1864	6.914	1.6049	11.1967	1.60098
9700	0.3036	2.0614	5.0371	1.1880	6.968	1.6114	11.2278	1.60720
9800	0.3365	2.1005	5.0427	1.1895	7.023	1.6179	11.2579	1.61336
9900	0.3687	2.1389	5.0482	1.1912	7.077	1.6243	11.2865	1.61941
10000	0.4002	2.1764	5.0535	1.1925	7.131	1.6306	11.3135	1.62534
10100	0.4312	2.2134	5.0589	1.1942	7.185	1.6369	11.3399	1.63123
10200	0.4615	2.2496	5.0642	1.1960	7.240	1.6431	11.3650	1.63701
10300	0.4914	2.2854	5.0693	1.1975	7.294	1.6493	11.3893	1.64276
10400	0.5206	2.3204	5.0744	1.1995	7.349	1.6554	11.4125	1.64840
10500	0.5492	2.3547	5.0794	1.2009	7.402	1.6614	11.4344	1.65393
10600	0.5774	2.3886	5.0843	1.2025	7.455	1.6674	11.4557	1.65941
10700	0.6050	2.4218	5.0892	1.2043	7.509	1.6734	11.4759	1.66480
10800	0.6320	2.4544	5.0939	1.2058	7.562	1.6792	11.4946	1.67007
10900	0.6587	2.4866	5.0986	1.2075	7.616	1.6850	11.5133	1.67532
11000	0.6848	2.5182	5.1033	1.2094	7.669	1.6908	11.5307	1.68047
11100	0.7104	2.5491	5.1078	1.2111	7.722	1.6964	11.5471	1.68551
11200	0.7357	2.5797	5.1123	1.2130	7.776	1.7021	11.5633	1.69054
11300	0.7602	2.6096	5.1167	1.2150	7.830	1.7076	11.5776	1.69539

S/R= 42.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11400	0.7845	2.6391	5.1211	1.2160	7.880	1.7132	11.5918	1.70222
11500	0.8085	2.6682	5.1254	1.2178	7.934	1.7187	11.6057	1.70501
11600	0.8318	2.6967	5.1296	1.2198	7.987	1.7241	11.6180	1.70966
11700	0.8549	2.7248	5.1338	1.2212	8.038	1.7294	11.6303	1.71427
11800	0.8775	2.7525	5.1379	1.2229	8.091	1.7348	11.6412	1.71881
11900	0.8999	2.7799	5.1420	1.2249	8.144	1.7401	11.6525	1.72332
12000	0.9217	2.8066	5.1460	1.2268	8.197	1.7453	11.6621	1.72768
12100	0.9432	2.8330	5.1499	1.2282	8.248	1.7505	11.6717	1.73201
12200	0.9644	2.8590	5.1538	1.2294	8.298	1.7557	11.6808	1.73627
12300	0.9854	2.8848	5.1577	1.2314	8.351	1.7608	11.6897	1.74051
12400	1.0058	2.9100	5.1615	1.2333	8.403	1.7658	11.6972	1.74460
12500	1.0260	2.9350	5.1653	1.2344	8.453	1.7709	11.7048	1.74869
12600	1.0459	2.9595	5.1690	1.2365	8.506	1.7759	11.7118	1.75269
12700	1.0654	2.9837	5.1727	1.2383	8.558	1.7808	11.7182	1.75663
12800	1.0846	3.0075	5.1763	1.2393	8.606	1.7856	11.7239	1.76047
12900	1.1037	3.0311	5.1799	1.2406	8.657	1.7905	11.7299	1.76431
13000	1.1224	3.0544	5.1834	1.2423	8.708	1.7954	11.7354	1.76810
13100	1.1409	3.0773	5.1870	1.2438	8.758	1.8002	11.7404	1.77180
13200	1.1590	3.0999	5.1904	1.2456	8.809	1.8049	11.7448	1.77544
13300	1.1769	3.1222	5.1939	1.2466	8.858	1.8096	11.7490	1.77902
13400	1.1947	3.1443	5.1973	1.2482	8.908	1.8143	11.7533	1.78259
13500	1.2120	3.1660	5.2006	1.2495	8.957	1.8189	11.7567	1.78606
13600	1.2293	3.1876	5.2040	1.2503	9.005	1.8235	11.7602	1.78951
13700	1.2463	3.2088	5.2073	1.2517	9.054	1.8281	11.7636	1.79291
13800	1.2630	3.2298	5.2105	1.2523	9.101	1.8326	11.7664	1.79623
13900	1.2797	3.2507	5.2138	1.2534	9.149	1.8371	11.7696	1.79958
14000	1.2961	3.2712	5.2170	1.2548	9.198	1.8416	11.7721	1.80279
14100	1.3123	3.2916	5.2202	1.2557	9.245	1.8460	11.7747	1.80603
14200	1.3283	3.3117	5.2233	1.2563	9.291	1.8505	11.7773	1.80923
14300	1.3442	3.3317	5.2265	1.2572	9.338	1.8548	11.7796	1.81235
14400	1.3599	3.3514	5.2296	1.2581	9.385	1.8592	11.7819	1.81544
14500	1.3754	3.3709	5.2327	1.2587	9.431	1.8634	11.7840	1.81849
14600	1.3907	3.3902	5.2357	1.2588	9.474	1.8677	11.7859	1.82150
14700	1.4060	3.4094	5.2388	1.2590	9.518	1.8719	11.7884	1.82450
14800	1.4210	3.4284	5.2418	1.2598	9.564	1.8761	11.7900	1.82743
14900	1.4360	3.4472	5.2448	1.2597	9.606	1.8802	11.7923	1.83038
15000	1.4508	3.4659	5.2478	1.2594	9.648	1.8844	11.7945	1.83328

S/R= 43.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1000	-6.9346	-6.3710	3.5519	1.3322	1.866	1.0000	3.4467	1.00000
1100	-6.8100	-6.2050	3.6071	1.3281	1.955	1.0000	3.6791	1.00000
1200	-6.6933	-6.0505	3.6488	1.3214	2.036	1.0000	3.7122	1.00000
1300	-6.5843	-5.9068	3.6874	1.3158	2.115	1.0000	3.7452	1.00000
1400	-6.4813	-5.7716	3.7234	1.2962	2.178	1.0000	3.7779	1.00000
1500	-6.3727	-5.6325	3.7597	1.2662	2.229	1.0006	3.8340	1.00060
1600	-6.2595	-5.4907	3.7965	1.2283	2.269	1.0018	3.9115	1.00182
1700	-6.1269	-5.3306	3.8369	1.1849	2.300	1.0046	4.0408	1.00465
1800	-5.9636	-5.1401	3.8832	1.1501	2.338	1.0100	4.2457	1.01002
1900	-5.7652	-4.9146	3.9354	1.1279	2.389	1.0186	4.5354	1.01859
2000	-5.5384	-4.6605	3.9906	1.1155	2.452	1.0302	4.8933	1.03024
2100	-5.2953	-4.3904	4.0457	1.1097	2.523	1.0443	5.2899	1.04431
2200	-5.0482	-4.1167	4.0982	1.1079	2.599	1.0600	5.6982	1.06002
2300	-4.8069	-3.8493	4.1466	1.1088	2.679	1.0765	6.0932	1.07654

S/R= 43.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2400	-4.5777	-3.5949	4.1905	1.1117	2.762	1.0933	6.4613	1.09326
2500	-4.3647	-3.3578	4.2303	1.1161	2.846	1.1097	6.7925	1.10966
2600	-4.1702	-3.1401	4.2650	1.1223	2.930	1.1253	7.0804	1.12534
2700	-3.9960	-2.9439	4.2959	1.1303	3.016	1.1399	7.3197	1.13987
2800	-3.8422	-2.7694	4.3229	1.1404	3.103	1.1530	7.5111	1.15300
2900	-3.7090	-2.6166	4.3462	1.1532	3.191	1.1645	7.6524	1.16447
3000	-3.5952	-2.4845	4.3662	1.1689	3.281	1.1741	7.7458	1.17412
3100	-3.4992	-2.3713	4.3834	1.1875	3.373	1.1820	7.7991	1.18197
3200	-3.4181	-2.2742	4.3981	1.2075	3.465	1.1882	7.8165	1.18818
3300	-3.3490	-2.1900	4.4110	1.2271	3.554	1.1930	7.8065	1.19295
3400	-3.2886	-2.1153	4.4224	1.2435	3.637	1.1967	7.7797	1.19665
3500	-3.2342	-2.0472	4.4329	1.2544	3.711	1.1996	7.7423	1.19956
3600	-3.1835	-1.9834	4.4429	1.2587	3.774	1.2020	7.7012	1.20196
3700	-3.1346	-1.9219	4.4525	1.2566	3.826	1.2041	7.6607	1.20407
3800	-3.0862	-1.8612	4.4621	1.2498	3.870	1.2061	7.6259	1.20609
3900	-3.0371	-1.8001	4.4718	1.2394	3.908	1.2082	7.5979	1.20816
4000	-2.9866	-1.7378	4.4817	1.2269	3.941	1.2104	7.5789	1.21040
4100	-2.9339	-1.6735	4.4920	1.2140	3.973	1.2129	7.5713	1.21292
4200	-2.8787	-1.6067	4.5026	1.2016	4.006	1.2158	7.5753	1.21576
4300	-2.8205	-1.5372	4.5138	1.1902	4.039	1.2190	7.5924	1.21902
4400	-2.7595	-1.4648	4.5254	1.1801	4.075	1.2227	7.6205	1.22272
4500	-2.6954	-1.3895	4.5375	1.1714	4.112	1.2269	7.6616	1.22688
4600	-2.6287	-1.3116	4.5500	1.1641	4.153	1.2315	7.7133	1.23152
4700	-2.5594	-1.2312	4.5628	1.1580	4.195	1.2366	7.7746	1.23661
4800	-2.4880	-1.1488	4.5759	1.1530	4.240	1.2421	7.8456	1.24214
4900	-2.4149	-1.0646	4.5892	1.1469	4.283	1.2481	7.9246	1.24809
5000	-2.3385	-0.9772	4.6029	1.1438	4.331	1.2543	8.0160	1.25432
5100	-2.2630	-0.8909	4.6164	1.1434	4.385	1.2610	8.1064	1.26098
5200	-2.1870	-0.8040	4.6299	1.1416	4.437	1.2680	8.2011	1.26795
5300	-2.1106	-0.7169	4.6433	1.1402	4.489	1.2752	8.2994	1.27522
5400	-2.0342	-0.6298	4.6567	1.1392	4.543	1.2827	8.3997	1.28272
5500	-1.9580	-0.5430	4.6699	1.1386	4.597	1.2905	8.5020	1.29044
5600	-1.8824	-0.4569	4.6829	1.1382	4.652	1.2984	8.6045	1.29832
5700	-1.8072	-0.3714	4.6958	1.1381	4.708	1.3064	8.7076	1.30637
5800	-1.7329	-0.2868	4.7084	1.1381	4.764	1.3146	8.8106	1.31455
5900	-1.6593	-0.2031	4.7209	1.1383	4.820	1.3229	8.9134	1.32287
6000	-1.5869	-0.1205	4.7331	1.1389	4.877	1.3313	9.0144	1.33123
6100	-1.5155	-0.0393	4.7451	1.1396	4.935	1.3397	9.1142	1.33966
6200	-1.4455	0.0405	4.7568	1.1404	4.993	1.3482	9.2126	1.34815
6300	-1.3767	0.1190	4.7683	1.1412	5.051	1.3568	9.3093	1.35667
6400	-1.3092	0.1961	4.7794	1.1420	5.108	1.3653	9.4028	1.36516
6500	-1.2429	0.2718	4.7904	1.1430	5.166	1.3738	9.4952	1.37370
6600	-1.1779	0.3462	4.8012	1.1441	5.225	1.3824	9.5856	1.38224
6700	-1.1143	0.4189	4.8116	1.1451	5.282	1.3909	9.6731	1.39073
6800	-1.0518	0.4905	4.8219	1.1461	5.340	1.3994	9.7588	1.39922
6900	-0.9909	0.5604	4.8319	1.1473	5.399	1.4079	9.8423	1.40768
7000	-0.9309	0.6292	4.8418	1.1486	5.457	1.4163	9.9233	1.41611
7100	-0.8725	0.6964	4.8513	1.1499	5.515	1.4247	10.0023	1.42449
7200	-0.8152	0.7623	4.8607	1.1512	5.573	1.4331	10.0784	1.43282
7300	-0.7593	0.8266	4.8699	1.1524	5.631	1.4414	10.1519	1.44106
7400	-0.7044	0.8900	4.8788	1.1535	5.688	1.4497	10.2238	1.44928
7500	-0.6508	0.9519	4.8876	1.1549	5.746	1.4578	10.2931	1.45740
7600	-0.5983	1.0125	4.8962	1.1565	5.805	1.4660	10.3605	1.46547
7700	-0.5471	1.0717	4.9046	1.1580	5.863	1.4740	10.4251	1.47345
7800	-0.4970	1.1298	4.9128	1.1592	5.919	1.4820	10.4878	1.48136

S/R= 43.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7900	-0.4479	1.1868	4.9208	1.1605	5.977	1.4899	10.5487	1.48921
8000	-0.3998	1.2426	4.9287	1.1520	6.034	1.4978	10.5381	1.49701
8100	-0.3528	1.2972	4.9364	1.1635	6.091	1.5056	10.6647	1.50469
8200	-0.3068	1.3508	4.9440	1.1650	6.148	1.5133	10.7196	1.51231
8300	-0.2619	1.4031	4.9514	1.1664	6.205	1.5209	10.7722	1.51981
8400	-0.2179	1.4545	4.9586	1.1677	6.261	1.5285	10.8235	1.52726
8500	-0.1747	1.5050	4.9658	1.1691	6.318	1.5360	10.8730	1.53463
8600	-0.1325	1.5543	4.9727	1.1709	6.375	1.5434	10.9202	1.54188
8700	-0.0914	1.6025	4.9795	1.1726	6.432	1.5507	10.9654	1.54902
8800	-0.0510	1.6499	4.9863	1.1738	6.487	1.5579	11.0095	1.55610
8900	-0.0114	1.6964	4.9928	1.1752	6.543	1.5651	11.0523	1.56312
9000	0.0273	1.7419	4.9993	1.1767	6.599	1.5722	11.0928	1.57001
9100	0.0653	1.7867	5.0056	1.1784	6.655	1.5793	11.1325	1.57687
9200	0.1024	1.8304	5.0118	1.1800	6.710	1.5862	11.1700	1.58359
9300	0.1387	1.8733	5.0179	1.1817	6.766	1.5931	11.2058	1.59018
9400	0.1743	1.9154	5.0239	1.1829	6.821	1.5999	11.2408	1.59674
9500	0.2094	1.9568	5.0298	1.1842	6.875	1.6066	11.2747	1.60322
9600	0.2436	1.9974	5.0356	1.1864	6.932	1.6133	11.3068	1.60960
9700	0.2770	2.0371	5.0413	1.1880	6.987	1.6199	11.3373	1.61587
9800	0.3099	2.0763	5.0469	1.1894	7.041	1.6264	11.3671	1.62208
9900	0.3421	2.1146	5.0524	1.1911	7.096	1.6328	11.3954	1.62817
10000	0.3736	2.1521	5.0577	1.1925	7.150	1.6392	11.4220	1.63414
10100	0.4046	2.1891	5.0630	1.1942	7.204	1.6455	11.4479	1.64008
10200	0.4349	2.2253	5.0683	1.1959	7.259	1.6517	11.4725	1.64590
10300	0.4647	2.2610	5.0734	1.1975	7.313	1.6579	11.4965	1.65168
10400	0.4939	2.2960	5.0785	1.1995	7.368	1.6640	11.5191	1.65735
10500	0.5225	2.3302	5.0834	1.2009	7.421	1.6700	11.5405	1.66292
10600	0.5506	2.3641	5.0883	1.2025	7.474	1.6760	11.5613	1.66843
10700	0.5782	2.3972	5.0931	1.2044	7.528	1.6819	11.5810	1.67385
10800	0.6052	2.4298	5.0979	1.2059	7.582	1.6877	11.5992	1.67915
10900	0.6318	2.4619	5.1025	1.2076	7.635	1.6936	11.6173	1.68442
11000	0.6579	2.4934	5.1071	1.2094	7.689	1.6993	11.6341	1.68960
11100	0.6834	2.5243	5.1116	1.2111	7.742	1.7050	11.6499	1.69467
11200	0.7086	2.5548	5.1161	1.2130	7.795	1.7106	11.6655	1.69972
11300	0.7331	2.5846	5.1205	1.2150	7.849	1.7161	11.6792	1.70459
11400	0.7573	2.6140	5.1248	1.2160	7.900	1.7216	11.6928	1.70944
11500	0.7813	2.6431	5.1291	1.2179	7.953	1.7271	11.7061	1.71425
11600	0.8045	2.6715	5.1333	1.2198	8.007	1.7325	11.7178	1.71892
11700	0.8275	2.6996	5.1375	1.2212	8.058	1.7378	11.7291	1.72354
11800	0.8501	2.7272	5.1415	1.2228	8.110	1.7431	11.7398	1.72810
11900	0.8724	2.7544	5.1456	1.2247	8.163	1.7484	11.7504	1.73263
12000	0.8941	2.7811	5.1496	1.2267	8.216	1.7536	11.7594	1.73700
12100	0.9156	2.8074	5.1535	1.2281	8.267	1.7587	11.7683	1.74134
12200	0.9367	2.8334	5.1574	1.2294	8.317	1.7638	11.7767	1.74562
12300	0.9576	2.8591	5.1612	1.2313	8.370	1.7689	11.7850	1.74986
12400	0.9779	2.8841	5.1650	1.2332	8.422	1.7739	11.7918	1.75396
12500	0.9981	2.9090	5.1687	1.2342	8.472	1.7789	11.7988	1.75806
12600	1.0179	2.9335	5.1724	1.2362	8.524	1.7838	11.8051	1.76208
12700	1.0374	2.9575	5.1761	1.2381	8.576	1.7887	11.8108	1.76602
12800	1.0565	2.9813	5.1797	1.2390	8.624	1.7935	11.8159	1.76987
12900	1.0755	3.0048	5.1833	1.2404	8.674	1.7983	11.8211	1.77372
13000	1.0941	3.0279	5.1868	1.2420	8.725	1.8030	11.8259	1.77752
13100	1.1125	3.0508	5.1903	1.2434	8.775	1.8078	11.8302	1.78123
13200	1.1306	3.0733	5.1937	1.2453	8.827	1.8124	11.8339	1.78487
13300	1.1484	3.0955	5.1971	1.2464	8.875	1.8170	11.8375	1.78846



S/R= 43.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13400	1.1661	3.1175	5.2005	1.2478	8.925	1.8217	11.8411	1.79203
13500	1.1834	3.1391	5.2038	1.2493	8.974	1.8262	11.8439	1.79551
13600	1.2006	3.1606	5.2071	1.2499	9.021	1.8307	11.8467	1.79896
13700	1.2175	3.1818	5.2104	1.2513	9.070	1.8352	11.8494	1.80237
13800	1.2342	3.2026	5.2137	1.2518	9.116	1.8396	11.8516	1.80570
13900	1.2508	3.2234	5.2169	1.2529	9.164	1.8441	11.8541	1.80905
14000	1.2671	3.2439	5.2201	1.2543	9.213	1.8484	11.8559	1.81227
14100	1.2832	3.2641	5.2232	1.2551	9.260	1.8528	11.8578	1.81552
14200	1.2992	3.2842	5.2264	1.2558	9.306	1.8571	11.8598	1.81872
14300	1.3150	3.3040	5.2295	1.2566	9.352	1.8614	11.8613	1.82185
14400	1.3306	3.3236	5.2326	1.2575	9.399	1.8656	11.8629	1.82494
14500	1.3460	3.3430	5.2356	1.2582	9.445	1.8698	11.8642	1.82800
14600	1.3613	3.3623	5.2386	1.2582	9.488	1.8739	11.8655	1.83101
14700	1.3765	3.3814	5.2417	1.2584	9.532	1.8781	11.8673	1.83402
14800	1.3915	3.4003	5.2447	1.2591	9.577	1.8821	11.8684	1.83697
14900	1.4064	3.4190	5.2475	1.2590	9.619	1.8862	11.8701	1.83993
15000	1.4212	3.4377	5.2506	1.2591	9.662	1.8902	11.8716	1.84284

S/R= 43.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1100	-6.8968	-6.2918	3.6071	1.3235	1.951	1.0000	3.6791	1.00000
1200	-6.7800	-6.1372	3.6488	1.3213	2.036	1.0000	3.7122	1.00000
1300	-6.6711	-5.9936	3.6874	1.3160	2.115	1.0000	3.7452	1.00000
1400	-6.5683	-5.8585	3.7234	1.2948	2.177	1.0000	3.7779	1.00000
1500	-6.4584	-5.7182	3.7600	1.2627	2.226	1.0007	3.8366	1.00066
1600	-6.3432	-5.5744	3.7972	1.2236	2.265	1.0020	3.9185	1.00200
1700	-6.2067	-5.4102	3.8386	1.1798	2.296	1.0051	4.0567	1.00509
1800	-6.0373	-5.2135	3.8862	1.1459	2.335	1.0109	4.2751	1.01089
1900	-5.8318	-4.9806	3.9397	1.1248	2.388	1.0200	4.5807	1.01999
2000	-5.5981	-4.7194	3.9960	1.1135	2.452	1.0322	4.9536	1.03221
2100	-5.3494	-4.4434	4.0515	1.1083	2.524	1.0468	5.3623	1.04680
2200	-5.0982	-4.1654	4.1043	1.1070	2.602	1.0629	5.7791	1.06293
2300	-4.8541	-3.8952	4.1527	1.1082	2.683	1.0798	6.1794	1.07979
2400	-4.6233	-3.6391	4.1964	1.1114	2.766	1.0968	6.5498	1.09675
2500	-4.4098	-3.4014	4.2356	1.1162	2.850	1.1133	6.8808	1.11320
2600	-4.2158	-3.1842	4.2702	1.1227	2.936	1.1290	7.1659	1.12902
2700	-4.0428	-2.9894	4.3006	1.1312	3.022	1.1435	7.4003	1.14348
2800	-3.8911	-2.8170	4.3271	1.1421	3.110	1.1564	7.5846	1.15644
2900	-3.7606	-2.6670	4.3499	1.1557	3.199	1.1676	7.7173	1.16763
3000	-3.6498	-2.5380	4.3693	1.1725	3.290	1.1769	7.8019	1.17693
3100	-3.5568	-2.4281	4.3859	1.1922	3.383	1.1844	7.8445	1.18430
3200	-3.4786	-2.3340	4.4001	1.2130	3.476	1.1902	7.8523	1.19020
3300	-3.4118	-2.2522	4.4125	1.2326	3.565	1.1946	7.8354	1.19463
3400	-3.3532	-2.1794	4.4237	1.2482	3.646	1.1980	7.8030	1.19804
3500	-3.3000	-2.1125	4.4340	1.2576	3.718	1.2007	7.7514	1.20073
3600	-3.2499	-2.0495	4.4438	1.2600	3.778	1.2030	7.7182	1.20298
3700	-3.2012	-1.9882	4.4534	1.2561	3.827	1.2050	7.6768	1.20500
3800	-3.1526	-1.9272	4.4630	1.2477	3.868	1.2070	7.6423	1.20698
3900	-3.1030	-1.8656	4.4728	1.2362	3.904	1.2091	7.6155	1.20907
4000	-3.0516	-1.8024	4.4828	1.2230	3.936	1.2114	7.5988	1.21136
4100	-2.9977	-1.7369	4.4933	1.2098	3.968	1.2140	7.5942	1.21397
4200	-2.9411	-1.6687	4.5042	1.1972	4.000	1.2169	7.6018	1.21695
4300	-2.8813	-1.5974	4.5156	1.1859	4.034	1.2204	7.6231	1.22037
4400	-2.8185	-1.5233	4.5275	1.1761	4.070	1.2242	7.6559	1.22424

S/R= 43.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4500	-2.7525	-1.4460	4.5398	1.1677	4.109	1.2286	7.7019	1.22861
4600	-2.6839	-1.3661	4.5525	1.1607	4.150	1.2335	7.7583	1.23347
4700	-2.6127	-1.2838	4.5656	1.1549	4.193	1.2388	7.8249	1.23870
4800	-2.5394	-1.1993	4.5789	1.1502	4.239	1.2446	7.9009	1.24456
4900	-2.4644	-1.1132	4.5925	1.1445	4.283	1.2508	7.9848	1.25075
5000	-2.3863	-1.0241	4.6064	1.1416	4.332	1.2572	8.0807	1.25721
5100	-2.3091	-0.9359	4.6201	1.1414	4.387	1.2641	8.1755	1.26411
5200	-2.2315	-0.8474	4.6337	1.1398	4.439	1.2713	8.2742	1.27132
5300	-2.1537	-0.7588	4.6473	1.1385	4.492	1.2788	8.3763	1.27882
5400	-2.0759	-0.6702	4.6608	1.1377	4.546	1.2866	8.4801	1.28653
5500	-1.9984	-0.5821	4.6741	1.1372	4.601	1.2945	8.5857	1.29447
5600	-1.9216	-0.4948	4.6873	1.1369	4.657	1.3026	8.6912	1.30256
5700	-1.8454	-0.4081	4.7002	1.1369	4.713	1.3108	8.7970	1.31081
5800	-1.7700	-0.3224	4.7129	1.1371	4.770	1.3192	8.9026	1.31918
5900	-1.6955	-0.2377	4.7255	1.1374	4.827	1.3277	9.0076	1.32769
6000	-1.6223	-0.1544	4.7377	1.1379	4.885	1.3363	9.1108	1.33623
6100	-1.5501	-0.0723	4.7497	1.1387	4.942	1.3449	9.2125	1.34484
6200	-1.4794	0.0084	4.7615	1.1396	5.001	1.3536	9.3127	1.35350
6300	-1.4098	0.0875	4.7730	1.1404	5.059	1.3623	9.4109	1.36218
6400	-1.3418	0.1653	4.7842	1.1413	5.117	1.3709	9.5058	1.37082
6500	-1.2749	0.2416	4.7952	1.1423	5.176	1.3796	9.5996	1.37951
6600	-1.2093	0.3165	4.8059	1.1435	5.234	1.3883	9.6912	1.38820
6700	-1.1454	0.3898	4.8164	1.1445	5.293	1.3970	9.7797	1.39683
6800	-1.0824	0.4618	4.8267	1.1456	5.351	1.4056	9.8663	1.40545
6900	-1.0210	0.5322	4.8367	1.1468	5.410	1.4142	9.9503	1.41404
7000	-0.9607	0.6014	4.8465	1.1481	5.468	1.4228	10.0324	1.42260
7100	-0.9019	0.6689	4.8561	1.1495	5.527	1.4313	10.1118	1.43110
7200	-0.8443	0.7352	4.8655	1.1508	5.585	1.4398	10.1887	1.43954
7300	-0.7882	0.7999	4.8746	1.1520	5.643	1.4482	10.2629	1.44790
7400	-0.7329	0.8635	4.8836	1.1531	5.701	1.4566	10.3352	1.45623
7500	-0.6791	0.9256	4.8923	1.1546	5.759	1.4649	10.4048	1.46446
7600	-0.6264	0.9865	4.9009	1.1562	5.818	1.4731	10.4726	1.47264
7700	-0.5750	1.0459	4.9092	1.1577	5.876	1.4812	10.5375	1.48071
7800	-0.5247	1.1042	4.9174	1.1589	5.933	1.4893	10.6003	1.48872
7900	-0.4754	1.1614	4.9254	1.1602	5.991	1.4973	10.6614	1.49667
8000	-0.4271	1.2174	4.9333	1.1617	6.048	1.5053	10.7209	1.50456
8100	-0.3800	1.2722	4.9410	1.1632	6.106	1.5132	10.7776	1.51232
8200	-0.3339	1.3259	4.9486	1.1648	6.164	1.5210	10.8327	1.52003
8300	-0.2889	1.3783	4.9559	1.1662	6.220	1.5287	10.8851	1.52761
8400	-0.2448	1.4298	4.9632	1.1675	6.277	1.5363	10.9363	1.53513
8500	-0.2015	1.4804	4.9703	1.1689	6.333	1.5439	10.9859	1.54258
8600	-0.1592	1.5298	4.9772	1.1707	6.391	1.5513	11.0329	1.54990
8700	-0.1180	1.5781	4.9840	1.1724	6.448	1.5587	11.0780	1.55711
8800	-0.0776	1.6255	4.9907	1.1737	6.504	1.5660	11.1219	1.56426
8900	-0.0380	1.6721	4.9972	1.1751	6.560	1.5733	11.1645	1.57134
9000	0.0008	1.7177	5.0036	1.1766	6.615	1.5804	11.2048	1.57830
9100	0.0388	1.7624	5.0100	1.1783	6.672	1.5875	11.2441	1.58521
9200	0.0760	1.8062	5.0162	1.1799	6.728	1.5945	11.2815	1.59199
9300	0.1123	1.8491	5.0222	1.1816	6.784	1.6014	11.3169	1.59864
9400	0.1479	1.8912	5.0282	1.1829	6.838	1.6082	11.3515	1.60525
9500	0.1829	1.9327	5.0341	1.1842	6.893	1.6150	11.3851	1.61178
9600	0.2172	1.9733	5.0398	1.1863	6.950	1.6217	11.4168	1.61820
9700	0.2506	2.0130	5.0455	1.1880	7.005	1.6283	11.4470	1.62452
9800	0.2835	2.0521	5.0510	1.1894	7.059	1.6349	11.4764	1.63078
9900	0.3157	2.0904	5.0565	1.1912	7.114	1.6413	11.5040	1.63692

S/R= 43.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10000	0.3471	2.1279	5.0618	1.1926	7.168	1.6477	11.5303	1.64293
10100	0.3781	2.1648	5.0671	1.1943	7.223	1.6540	11.5558	1.64890
10200	0.4084	2.2010	5.0723	1.1960	7.277	1.6602	11.5799	1.65475
10300	0.4382	2.2366	5.0774	1.1975	7.331	1.6664	11.6034	1.66057
10400	0.4673	2.2716	5.0824	1.1996	7.387	1.6725	11.6255	1.66627
10500	0.4958	2.3058	5.0874	1.2009	7.440	1.6786	11.6464	1.67187
10600	0.5239	2.3396	5.0923	1.2025	7.493	1.6846	11.6665	1.67741
10700	0.5515	2.3727	5.0970	1.2044	7.548	1.6905	11.6856	1.68286
10800	0.5784	2.4052	5.1017	1.2060	7.601	1.6963	11.7034	1.68818
10900	0.6050	2.4372	5.1064	1.2076	7.654	1.7021	11.7209	1.69348
11000	0.6310	2.4687	5.1110	1.2094	7.708	1.7078	11.7371	1.69868
11100	0.6565	2.4995	5.1154	1.2111	7.761	1.7135	11.7523	1.70377
11200	0.6816	2.5299	5.1199	1.2130	7.815	1.7191	11.7673	1.70884
11300	0.7060	2.5597	5.1242	1.2151	7.869	1.7246	11.7802	1.71373
11400	0.7302	2.5890	5.1285	1.2160	7.919	1.7301	11.7932	1.71860
11500	0.7540	2.6180	5.1328	1.2180	7.973	1.7355	11.8059	1.72343
11600	0.7772	2.6463	5.1370	1.2199	8.026	1.7409	11.8170	1.72811
11700	0.8002	2.6743	5.1411	1.2212	8.077	1.7462	11.8277	1.73274
11800	0.8227	2.7018	5.1452	1.2229	8.130	1.7514	11.8377	1.73732
11900	0.8449	2.7290	5.1492	1.2247	8.182	1.7567	11.8477	1.74185
12000	0.8665	2.7555	5.1531	1.2266	8.235	1.7618	11.8560	1.74623
12100	0.8879	2.7818	5.1570	1.2280	8.286	1.7669	11.8642	1.75059
12200	0.9090	2.8076	5.1609	1.2294	8.336	1.7719	11.8718	1.75487
12300	0.9298	2.8332	5.1647	1.2313	8.389	1.7770	11.8794	1.75912
12400	0.9500	2.8582	5.1684	1.2332	8.441	1.7819	11.8856	1.76323
12500	0.9701	2.8830	5.1722	1.2342	8.490	1.7868	11.8919	1.76733
12600	0.9899	2.9074	5.1758	1.2363	8.543	1.7917	11.8975	1.77135
12700	1.0092	2.9313	5.1794	1.2380	8.594	1.7965	11.9027	1.77530
12800	1.0283	2.9549	5.1830	1.2388	8.642	1.8012	11.9070	1.77916
12900	1.0472	2.9784	5.1866	1.2402	8.692	1.8060	11.9116	1.78301
13000	1.0658	3.0014	5.1901	1.2417	8.743	1.8107	11.9156	1.78681
13100	1.0841	3.0242	5.1935	1.2430	8.792	1.8153	11.9192	1.79053
13200	1.1021	3.0466	5.1969	1.2450	8.844	1.8199	11.9222	1.79417
13300	1.1198	3.0687	5.2003	1.2461	8.892	1.8244	11.9250	1.79776
13400	1.1374	3.0906	5.2037	1.2475	8.942	1.8290	11.9279	1.80134
13500	1.1546	3.1121	5.2070	1.2489	8.991	1.8334	11.9300	1.80482
13600	1.1718	3.1335	5.2103	1.2497	9.038	1.8379	11.9321	1.80827
13700	1.1886	3.1546	5.2135	1.2510	9.087	1.8423	11.9343	1.81168
13800	1.2052	3.1754	5.2167	1.2515	9.132	1.8466	11.9357	1.81502
13900	1.2218	3.1961	5.2199	1.2524	9.180	1.8510	11.9375	1.81837
14000	1.2380	3.2164	5.2231	1.2538	9.228	1.8552	11.9387	1.82160
14100	1.2541	3.2365	5.2262	1.2546	9.275	1.8595	11.9400	1.82485
14200	1.2700	3.2565	5.2293	1.2552	9.320	1.8637	11.9412	1.82805
14300	1.2857	3.2762	5.2324	1.2560	9.367	1.8679	11.9421	1.83118
14400	1.3012	3.2958	5.2355	1.2569	9.413	1.8720	11.9428	1.83428
14500	1.3166	3.3151	5.2385	1.2577	9.459	1.8761	11.9436	1.83734
14600	1.3318	3.3342	5.2415	1.2577	9.502	1.8801	11.9442	1.84035
14700	1.3469	3.3532	5.2445	1.2579	9.545	1.8842	11.9452	1.84337
14800	1.3618	3.3720	5.2475	1.2586	9.590	1.8881	11.9456	1.84632
14900	1.3767	3.3907	5.2504	1.2584	9.632	1.8921	11.9467	1.84928
15000	1.3914	3.4092	5.2534	1.2583	9.674	1.8960	11.9476	1.85221

S/R= 43.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1100	-6.9839	-6.3789	3.6071	1.3230	1.951	1.0000	3.6791	1.00000
1200	-6.8669	-6.2241	3.6488	1.3210	2.036	1.0000	3.7122	1.00000
1300	-6.7579	-6.0804	3.6874	1.3161	2.115	1.0000	3.7452	1.00000
1400	-6.6551	-5.9454	3.7234	1.2933	2.176	1.0000	3.7779	1.00000
1500	-6.5440	-5.8038	3.7604	1.2592	2.223	1.0007	3.8394	1.00073
1600	-6.4266	-5.5577	3.7981	1.2187	2.261	1.0022	3.9262	1.00220
1700	-6.2859	-5.4891	3.8405	1.1747	2.292	1.0056	4.0739	1.00556
1800	-6.1101	-5.2858	3.8894	1.1418	2.332	1.0118	4.3065	1.01181
1900	-5.8972	-5.0454	3.9442	1.1219	2.386	1.0215	4.6283	1.02147
2000	-5.6567	-4.7771	4.0014	1.1115	2.452	1.0343	5.0162	1.03426
2100	-5.4025	-4.4955	4.0576	1.1070	2.526	1.0494	5.4366	1.04935
2200	-5.1473	-4.2133	4.1104	1.1061	2.604	1.0659	5.8616	1.06590
2300	-4.9007	-3.9404	4.1588	1.1077	2.686	1.0831	6.2667	1.08308
2400	-4.6685	-3.6830	4.2023	1.1112	2.770	1.1003	6.6389	1.10027
2500	-4.4547	-3.4449	4.2411	1.1163	2.855	1.1169	6.9691	1.11694
2600	-4.2613	-3.2284	4.2754	1.1233	2.941	1.1327	7.2509	1.13268
2700	-4.0899	-3.0351	4.3053	1.1324	3.028	1.1471	7.4797	1.14705
2800	-3.9405	-2.8651	4.3312	1.1439	3.117	1.1598	7.6563	1.15980
2900	-3.8128	-2.7181	4.3534	1.1586	3.207	1.1707	7.7798	1.17069
3000	-3.7052	-2.5925	4.3722	1.1765	3.300	1.1796	7.8542	1.17961
3100	-3.6153	-2.4858	4.3883	1.1973	3.394	1.1867	7.8870	1.18667
3200	-3.5399	-2.3946	4.4020	1.2187	3.487	1.1921	7.8860	1.19208
3300	-3.4754	-2.3152	4.4140	1.2381	3.575	1.1962	7.8620	1.19617
3400	-3.4184	-2.2441	4.4249	1.2527	3.655	1.1993	7.8244	1.19932
3500	-3.3661	-2.1784	4.4350	1.2603	3.723	1.2018	7.7794	1.20180
3600	-3.3166	-2.1158	4.4447	1.2608	3.780	1.2039	7.7344	1.20393
3700	-3.2680	-2.0546	4.4543	1.2550	3.827	1.2059	7.6925	1.20588
3800	-3.2190	-1.9933	4.4539	1.2451	3.866	1.2078	7.6585	1.20784
3900	-3.1687	-1.9310	4.4738	1.2325	3.900	1.2100	7.6335	1.20995
4000	-3.1163	-1.8667	4.4840	1.2188	3.931	1.2123	7.6192	1.21232
4100	-3.0611	-1.7999	4.4945	1.2054	3.963	1.2150	7.6179	1.21503
4200	-3.0030	-1.7302	4.5057	1.1928	3.995	1.2181	7.6294	1.21815
4300	-2.9415	-1.6572	4.5174	1.1817	4.029	1.2217	7.6552	1.22174
4400	-2.8768	-1.5811	4.5295	1.1721	4.066	1.2258	7.6928	1.22581
4500	-2.8090	-1.5018	4.5422	1.1640	4.105	1.2304	7.7439	1.23040
4600	-2.7383	-1.4199	4.5552	1.1574	4.147	1.2355	7.8054	1.23548
4700	-2.6652	-1.3355	4.5685	1.1519	4.192	1.2410	7.8773	1.24103
4800	-2.5900	-1.2491	4.5821	1.1475	4.238	1.2470	7.9582	1.24705
4900	-2.5132	-1.1610	4.5958	1.1422	4.283	1.2535	8.0470	1.25349
5000	-2.4333	-1.0700	4.6100	1.1395	4.333	1.2602	8.1474	1.26019
5100	-2.3545	-0.9802	4.6238	1.1395	4.389	1.2673	8.2464	1.26732
5200	-2.2753	-0.8900	4.6377	1.1381	4.442	1.2748	8.3494	1.27477
5300	-2.1960	-0.7999	4.6514	1.1369	4.495	1.2825	8.4551	1.28249
5400	-2.1169	-0.7099	4.6650	1.1362	4.550	1.2904	8.5624	1.29043
5500	-2.0382	-0.6205	4.6784	1.1359	4.606	1.2986	8.6712	1.29858
5600	-1.9602	-0.5310	4.6917	1.1357	4.662	1.3069	8.7796	1.30687
5700	-1.8829	-0.4441	4.7047	1.1358	4.719	1.3153	8.8882	1.31532
5800	-1.8066	-0.3574	4.7175	1.1360	4.776	1.3239	8.9961	1.32388
5900	-1.7311	-0.2717	4.7301	1.1364	4.834	1.3326	9.1034	1.33258
6000	-1.6570	-0.1875	4.7423	1.1371	4.892	1.3413	9.2086	1.34130
6100	-1.5841	-0.1046	4.7544	1.1379	4.950	1.3501	9.3122	1.35008
6200	-1.5127	-0.0232	4.7662	1.1388	5.009	1.3590	9.4139	1.35890
6300	-1.4425	0.0567	4.7777	1.1398	5.068	1.3678	9.5136	1.36774
6400	-1.3738	0.1350	4.7889	1.1407	5.126	1.3766	9.6101	1.37653
6500	-1.3064	0.2119	4.7999	1.1417	5.185	1.3855	9.7050	1.38537

S/R= 43.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6600	-1.2434	0.2874	4.8107	1.1429	5.244	1.3943	9.7978	1.39421
6700	-1.1759	0.3611	4.8211	1.1439	5.303	1.4031	9.8872	1.40297
6800	-1.1125	0.4336	4.8314	1.1451	5.362	1.4119	9.9748	1.41173
6900	-1.0508	0.5044	4.8414	1.1463	5.421	1.4206	10.0595	1.42044
7000	-0.9901	0.5740	4.8512	1.1477	5.480	1.4293	10.1424	1.42913
7100	-0.9310	0.6419	4.8608	1.1491	5.539	1.4380	10.2224	1.43775
7200	-0.8731	0.7084	4.8702	1.1504	5.598	1.4466	10.2999	1.44631
7300	-0.8166	0.7734	4.8793	1.1516	5.656	1.4551	10.3745	1.45478
7400	-0.7611	0.8373	4.8882	1.1528	5.714	1.4636	10.4473	1.46322
7500	-0.7071	0.8997	4.8970	1.1543	5.773	1.4719	10.5172	1.47155
7600	-0.6542	0.9608	4.9055	1.1559	5.831	1.4803	10.5852	1.47983
7700	-0.6026	1.0205	4.9139	1.1575	5.890	1.4885	10.6506	1.48800
7800	-0.5521	1.0790	4.9220	1.1587	5.947	1.4967	10.7135	1.49610
7900	-0.5027	1.1363	4.9300	1.1600	6.005	1.5048	10.7746	1.50415
8000	-0.4543	1.1925	4.9379	1.1615	6.063	1.5128	10.8342	1.51212
8100	-0.4070	1.2474	4.9455	1.1630	6.121	1.5208	10.8910	1.51997
8200	-0.3608	1.3012	4.9531	1.1646	6.179	1.5286	10.9461	1.52776
8300	-0.3157	1.3538	4.9604	1.1661	6.236	1.5364	10.9985	1.53542
8400	-0.2715	1.4053	4.9676	1.1674	6.292	1.5441	11.0495	1.54302
8500	-0.2281	1.4560	4.9747	1.1688	6.349	1.5518	11.0990	1.55054
8600	-0.1858	1.5055	4.9816	1.1706	6.407	1.5593	11.1460	1.55793
8700	-0.1445	1.5539	4.9884	1.1723	6.464	1.5667	11.1908	1.56521
8800	-0.1040	1.6013	4.9950	1.1737	6.520	1.5741	11.2344	1.57242
8900	-0.0643	1.6480	5.0016	1.1751	6.576	1.5814	11.2767	1.57957
9000	-0.0255	1.6936	5.0080	1.1766	6.632	1.5886	11.3169	1.58658
9100	0.0125	1.7384	5.0143	1.1783	6.689	1.5957	11.3560	1.59355
9200	0.0497	1.7822	5.0204	1.1799	6.745	1.6027	11.3930	1.60039
9300	0.0860	1.8251	5.0265	1.1816	6.801	1.6097	11.4280	1.60709
9400	0.1216	1.8672	5.0324	1.1829	6.856	1.6165	11.4623	1.61375
9500	0.1567	1.9086	5.0383	1.1843	6.911	1.6234	11.4955	1.62033
9600	0.1909	1.9492	5.0440	1.1864	6.968	1.6301	11.5269	1.62680
9700	0.2243	1.9889	5.0496	1.1880	7.023	1.6367	11.5566	1.63316
9800	0.2572	2.0280	5.0551	1.1894	7.077	1.6433	11.5855	1.63946
9900	0.2893	2.0662	5.0606	1.1912	7.133	1.6498	11.6128	1.64563
10000	0.3208	2.1037	5.0659	1.1926	7.187	1.6561	11.6384	1.65168
10100	0.3517	2.1406	5.0711	1.1943	7.242	1.6625	11.6635	1.65768
10200	0.3819	2.1767	5.0763	1.1961	7.296	1.6687	11.6870	1.66357
10300	0.4117	2.2123	5.0814	1.1976	7.350	1.6749	11.7100	1.66942
10400	0.4408	2.2472	5.0864	1.1996	7.406	1.6811	11.7315	1.67515
10500	0.4692	2.2814	5.0913	1.2010	7.459	1.6871	11.7519	1.68078
10600	0.4973	2.3151	5.0961	1.2026	7.513	1.6931	11.7714	1.68635
10700	0.5248	2.3482	5.1009	1.2045	7.567	1.6990	11.7900	1.69182
10800	0.5516	2.3806	5.1056	1.2061	7.620	1.7048	11.8071	1.69717
10900	0.5781	2.4126	5.1102	1.2078	7.674	1.7106	11.8240	1.70248
11000	0.6041	2.4439	5.1147	1.2096	7.728	1.7163	11.8396	1.70770
11100	0.6295	2.4747	5.1192	1.2112	7.781	1.7219	11.8542	1.71281
11200	0.6546	2.5051	5.1236	1.2131	7.834	1.7276	11.8685	1.71790
11300	0.6789	2.5347	5.1279	1.2151	7.888	1.7330	11.8809	1.72280
11400	0.7030	2.5639	5.1322	1.2160	7.938	1.7385	11.8931	1.72768
11500	0.7268	2.5929	5.1364	1.2180	7.992	1.7439	11.9051	1.73252
11600	0.7499	2.6211	5.1406	1.2201	8.046	1.7492	11.9155	1.73722
11700	0.7728	2.6490	5.1447	1.2214	8.097	1.7545	11.9256	1.74186
11800	0.7952	2.6764	5.1487	1.2230	8.149	1.7597	11.9350	1.74644
11900	0.8173	2.7035	5.1527	1.2246	8.201	1.7649	11.9442	1.75099
12000	0.8389	2.7299	5.1566	1.2266	8.254	1.7700	11.9518	1.75537

S/R= 43.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12100	0.8602	2.7561	5.1605	1.2280	8.305	1.7750	11.9594	1.75973
12200	0.8812	2.7818	5.1643	1.2293	8.355	1.7800	11.9662	1.76402
12300	0.9019	2.8073	5.1681	1.2312	8.408	1.7850	11.9731	1.76828
12400	0.9221	2.8322	5.1718	1.2331	8.460	1.7899	11.9785	1.77239
12500	0.9421	2.8568	5.1755	1.2343	8.510	1.7947	11.9841	1.77649
12600	0.9617	2.8811	5.1792	1.2363	8.562	1.7996	11.9892	1.78052
12700	0.9810	2.9050	5.1827	1.2379	8.613	1.8043	11.9935	1.78447
12800	1.0000	2.9285	5.1863	1.2388	8.661	1.8090	11.9972	1.78833
12900	1.0188	2.9518	5.1898	1.2402	8.711	1.8137	12.0010	1.79218
13000	1.0373	2.9748	5.1933	1.2417	8.761	1.8183	12.0044	1.79599
13100	1.0556	2.9974	5.1967	1.2429	8.810	1.8228	12.0072	1.79970
13200	1.0735	3.0197	5.2001	1.2447	8.861	1.8273	12.0096	1.80334
13300	1.0911	3.0417	5.2035	1.2459	8.909	1.8318	12.0116	1.80694
13400	1.1087	3.0636	5.2068	1.2473	8.959	1.8363	12.0138	1.81050
13500	1.1258	3.0850	5.2101	1.2487	9.008	1.8406	12.0152	1.81398
13600	1.1428	3.1062	5.2133	1.2495	9.055	1.8450	12.0166	1.81743
13700	1.1596	3.1272	5.2166	1.2508	9.103	1.8493	12.0179	1.82084
13800	1.1762	3.1479	5.2197	1.2512	9.149	1.8536	12.0189	1.82418
13900	1.1926	3.1685	5.2229	1.2521	9.195	1.8579	12.0201	1.82754
14000	1.2088	3.1888	5.2261	1.2533	9.243	1.8620	12.0205	1.83077
14100	1.2248	3.2088	5.2292	1.2543	9.290	1.8662	12.0210	1.83402
14200	1.2406	3.2287	5.2322	1.2548	9.335	1.8703	12.0215	1.83722
14300	1.2563	3.2483	5.2353	1.2556	9.381	1.8744	12.0217	1.84035
14400	1.2717	3.2677	5.2383	1.2564	9.427	1.8784	12.0220	1.84345
14500	1.2870	3.2869	5.2413	1.2571	9.472	1.8824	12.0219	1.84651
14600	1.3021	3.3060	5.2443	1.2572	9.515	1.8863	12.0218	1.84952
14700	1.3172	3.3249	5.2473	1.2575	9.559	1.8903	12.0221	1.85254
14800	1.3320	3.3436	5.2502	1.2582	9.604	1.8941	12.0219	1.85548
14900	1.3468	3.3622	5.2532	1.2579	9.645	1.8980	12.0223	1.85845
15000	1.3615	3.3806	5.2561	1.2578	9.687	1.9019	12.0225	1.86138

S/R= 43.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1200	-6.9538	-6.3110	3.6488	1.3186	2.034	1.0000	3.7122	1.00000
1300	-6.8447	-6.1672	3.6874	1.3158	2.115	1.0000	3.7452	1.00000
1400	-6.7418	-6.0321	3.7234	1.2916	2.174	1.0000	3.7779	1.00000
1500	-6.6295	-5.8892	3.7607	1.2555	2.220	1.0008	3.8425	1.00080
1600	-6.5097	-5.7407	3.7990	1.2136	2.256	1.0024	3.9346	1.00242
1700	-6.3644	-5.5674	3.8424	1.1697	2.287	1.0061	4.0926	1.00608
1800	-6.1819	-5.3573	3.8928	1.1379	2.329	1.0128	4.3401	1.01280
1900	-5.9616	-5.1091	3.9489	1.1192	2.385	1.0230	4.6784	1.02303
2000	-5.7142	-4.8338	4.0070	1.1097	2.452	1.0364	5.0811	1.03638
2100	-5.4547	-4.5466	4.0636	1.1057	2.527	1.0520	5.5129	1.05197
2200	-5.1957	-4.2605	4.1165	1.1053	2.607	1.0689	5.9456	1.06893
2300	-4.9467	-3.9851	4.1648	1.1073	2.690	1.0864	6.3550	1.08641
2400	-4.7134	-3.7264	4.2081	1.1111	2.774	1.1038	6.7286	1.10381
2500	-4.4995	-3.4883	4.2466	1.1165	2.860	1.1206	7.0575	1.12058
2600	-4.3069	-3.2726	4.2804	1.1239	2.947	1.1363	7.3354	1.13631
2700	-4.1373	-3.0811	4.3098	1.1336	3.035	1.1506	7.5579	1.15056
2800	-3.9904	-2.9137	4.3351	1.1460	3.124	1.1631	7.7262	1.16308
2900	-3.8657	-2.7699	4.3567	1.1617	3.216	1.1736	7.8398	1.17363
3000	-3.7614	-2.6477	4.3750	1.1809	3.309	1.1822	7.9039	1.18216
3100	-3.6748	-2.5444	4.3905	1.2026	3.404	1.1888	7.9266	1.18879
3200	-3.6020	-2.4561	4.4037	1.2246	3.498	1.1938	7.9172	1.19382

S/R= 43.6

T	LOG(RHO)	LJG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3300	-3.5396	-2.3789	4.4154	1.2436	3.585	1.1976	7.8865	1.19759
3400	-3.4840	-2.3093	4.4260	1.2567	3.662	1.2005	7.8441	1.20048
3500	-3.4327	-2.2446	4.4359	1.2625	3.728	1.2028	7.7962	1.20279
3600	-3.3835	-2.1824	4.4455	1.2610	3.782	1.2048	7.7498	1.20481
3700	-3.3348	-2.1211	4.4551	1.2534	3.825	1.2067	7.7077	1.20671
3800	-3.2853	-2.0594	4.4648	1.2421	3.862	1.2087	7.6748	1.20867
3900	-3.2343	-1.9962	4.4748	1.2287	3.895	1.2108	7.6515	1.21082
4000	-3.1807	-1.9308	4.4852	1.2145	3.926	1.2133	7.6402	1.21327
4100	-3.1242	-1.8626	4.4960	1.2010	3.957	1.2161	7.6424	1.21610
4200	-3.0644	-1.7912	4.5074	1.1884	3.989	1.2194	7.6583	1.21937
4300	-3.0011	-1.7163	4.5193	1.1776	4.024	1.2231	7.6887	1.22314
4400	-2.9346	-1.6383	4.5317	1.1683	4.062	1.2274	7.7313	1.22742
4500	-2.8647	-1.5569	4.5446	1.1605	4.102	1.2322	7.7877	1.23223
4600	-2.7921	-1.4729	4.5579	1.1542	4.145	1.2375	7.8544	1.23755
4700	-2.7170	-1.3865	4.5715	1.1491	4.190	1.2433	7.9315	1.24335
4800	-2.6399	-1.2980	4.5853	1.1450	4.238	1.2496	8.0176	1.24961
4900	-2.5611	-1.2080	4.5993	1.1400	4.284	1.2563	8.1112	1.25629
5000	-2.4795	-1.1152	4.6136	1.1375	4.335	1.2632	8.2163	1.26324
5100	-2.3991	-1.0236	4.6277	1.1376	4.391	1.2706	8.3195	1.27061
5200	-2.3183	-0.9319	4.6416	1.1364	4.444	1.2783	8.4264	1.27829
5300	-2.2376	-0.8402	4.6555	1.1355	4.499	1.2862	8.5358	1.28624
5400	-2.1572	-0.7489	4.6692	1.1348	4.554	1.2944	8.6466	1.29439
5500	-2.0772	-0.6581	4.6828	1.1346	4.611	1.3028	8.7585	1.30276
5600	-1.9981	-0.5684	4.6961	1.1346	4.668	1.3113	8.8598	1.31126
5700	-1.9197	-0.4795	4.7092	1.1347	4.725	1.3199	8.9809	1.31990
5800	-1.8425	-0.3918	4.7221	1.1351	4.783	1.3287	9.0912	1.32866
5900	-1.7662	-0.3051	4.7347	1.1355	4.841	1.3376	9.2007	1.33753
6000	-1.6913	-0.2201	4.7470	1.1362	4.899	1.3465	9.3078	1.34643
6100	-1.6176	-0.1364	4.7591	1.1371	4.958	1.3554	9.4132	1.35538
6200	-1.5455	-0.0543	4.7709	1.1381	5.018	1.3644	9.5166	1.36436
6300	-1.4747	0.0263	4.7824	1.1391	5.077	1.3734	9.6178	1.37336
6400	-1.4054	0.1052	4.7935	1.1400	5.136	1.3824	9.7154	1.38230
6500	-1.3375	0.1827	4.8047	1.1411	5.195	1.3914	9.8116	1.39129
6600	-1.2710	0.2587	4.8154	1.1424	5.255	1.4004	9.9053	1.40026
6700	-1.2061	0.3329	4.8259	1.1434	5.313	1.4093	9.9958	1.40917
6800	-1.1423	0.4058	4.8362	1.1446	5.373	1.4182	10.0842	1.41806
6900	-1.0802	0.4770	4.8462	1.1459	5.432	1.4271	10.1696	1.42690
7000	-1.0191	0.5470	4.8560	1.1472	5.491	1.4359	10.2533	1.43571
7100	-0.9597	0.6152	4.8655	1.1487	5.551	1.4447	10.3339	1.44445
7200	-0.9015	0.6821	4.8749	1.1501	5.610	1.4534	10.4119	1.45312
7300	-0.8448	0.7473	4.8840	1.1513	5.668	1.4620	10.4868	1.46170
7400	-0.7891	0.8115	4.8929	1.1525	5.727	1.4706	10.5601	1.47024
7500	-0.7348	0.8741	4.9016	1.1540	5.786	1.4790	10.6302	1.47867
7600	-0.6817	0.9355	4.9101	1.1556	5.845	1.4875	10.6985	1.48706
7700	-0.6299	0.9953	4.9185	1.1572	5.904	1.4958	10.7639	1.49532
7800	-0.5792	1.0540	4.9266	1.1584	5.961	1.5040	10.8271	1.50351
7900	-0.5297	1.1114	4.9346	1.1598	6.019	1.5122	10.8883	1.51165
8000	-0.4811	1.1678	4.9424	1.1613	6.078	1.5204	10.9479	1.51971
8100	-0.4338	1.2228	4.9501	1.1629	6.136	1.5284	11.0048	1.52764
8200	-0.3874	1.2767	4.9576	1.1645	6.194	1.5363	11.0598	1.53551
8300	-0.3422	1.3294	4.9649	1.1660	6.251	1.5442	11.1122	1.54324
8400	-0.2979	1.3811	4.9721	1.1672	6.308	1.5520	11.1630	1.55092
8500	-0.2545	1.4318	4.9791	1.1686	6.365	1.5597	11.2124	1.55850
8600	-0.2121	1.4814	4.9860	1.1705	6.423	1.5672	11.2592	1.56596
8700	-0.1708	1.5298	4.9927	1.1722	6.480	1.5747	11.3038	1.57331

S/R= 43.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8800	-0.1333	1.5773	4.9994	1.1736	6.537	1.5821	11.3472	1.58058
8900	-0.0905	1.6240	5.0059	1.1750	6.593	1.5895	11.3892	1.58779
9000	-0.0517	1.6696	5.0123	1.1766	6.649	1.5967	11.4293	1.59486
9100	-0.0136	1.7144	5.0185	1.1782	6.706	1.6039	11.4679	1.60189
9200	0.0235	1.7583	5.0247	1.1799	6.762	1.6110	11.5046	1.60877
9300	0.0598	1.8011	5.0307	1.1816	6.819	1.6180	11.5392	1.61552
9400	0.0955	1.8433	5.0366	1.1829	6.874	1.6249	11.5730	1.62224
9500	0.1305	1.8847	5.0424	1.1843	6.929	1.6317	11.6057	1.62886
9600	0.1647	1.9253	5.0481	1.1864	6.986	1.6385	11.6368	1.63537
9700	0.1981	1.9649	5.0537	1.1881	7.041	1.6451	11.6660	1.64177
9800	0.2310	2.0040	5.0592	1.1895	7.096	1.6517	11.6945	1.64811
9900	0.2631	2.0422	5.0646	1.1913	7.151	1.6582	11.7213	1.65432
10000	0.2945	2.0796	5.0699	1.1927	7.205	1.6646	11.7464	1.66040
10100	0.3253	2.1165	5.0751	1.1945	7.261	1.6710	11.7708	1.66644
10200	0.3555	2.1526	5.0803	1.1962	7.315	1.6772	11.7939	1.67236
10300	0.3852	2.1881	5.0853	1.1978	7.370	1.6834	11.8163	1.67823
10400	0.4143	2.2229	5.0903	1.1997	7.425	1.6896	11.8373	1.68399
10500	0.4427	2.2570	5.0952	1.2011	7.478	1.6956	11.8569	1.68964
10600	0.4707	2.2907	5.1000	1.2027	7.532	1.7016	11.8760	1.69523
10700	0.4981	2.3237	5.1047	1.2046	7.586	1.7075	11.8938	1.70073
10800	0.5249	2.3560	5.1093	1.2062	7.640	1.7133	11.9103	1.70609
10900	0.5513	2.3879	5.1139	1.2080	7.693	1.7191	11.9265	1.71143
11000	0.5772	2.4192	5.1185	1.2098	7.747	1.7248	11.9416	1.71666
11100	0.6025	2.4499	5.1229	1.2113	7.800	1.7304	11.9555	1.72178
11200	0.6275	2.4801	5.1273	1.2132	7.854	1.7360	11.9692	1.72688
11300	0.6518	2.5097	5.1316	1.2153	7.908	1.7414	11.9809	1.73180
11400	0.6758	2.5388	5.1358	1.2161	7.958	1.7468	11.9924	1.73669
11500	0.6995	2.5677	5.1400	1.2181	8.012	1.7522	12.0037	1.74154
11600	0.7226	2.5958	5.1441	1.2202	8.065	1.7575	12.0133	1.74624
11700	0.7453	2.6236	5.1482	1.2215	8.117	1.7627	12.0227	1.75089
11800	0.7677	2.6509	5.1522	1.2232	8.169	1.7679	12.0314	1.75548
11900	0.7897	2.6779	5.1562	1.2249	8.221	1.7731	12.0400	1.76003
12000	0.8112	2.7042	5.1601	1.2267	8.273	1.7781	12.0469	1.76441
12100	0.8325	2.7303	5.1639	1.2281	8.324	1.7831	12.0537	1.76878
12200	0.8533	2.7559	5.1677	1.2295	8.375	1.7881	12.0599	1.77307
12300	0.8739	2.7813	5.1715	1.2313	8.427	1.7930	12.0660	1.77733
12400	0.8940	2.8061	5.1752	1.2331	8.478	1.7978	12.0707	1.78144
12500	0.9140	2.8306	5.1788	1.2343	8.528	1.8026	12.0755	1.78554
12600	0.9335	2.8548	5.1824	1.2364	8.581	1.8074	12.0797	1.78957
12700	0.9527	2.8786	5.1860	1.2380	8.631	1.8120	12.0834	1.79351
12800	0.9716	2.9020	5.1895	1.2388	8.679	1.8167	12.0864	1.79737
12900	0.9904	2.9252	5.1930	1.2402	8.729	1.8213	12.0896	1.80122
13000	1.0088	2.9481	5.1965	1.2416	8.779	1.8258	12.0922	1.80503
13100	1.0269	2.9706	5.1999	1.2428	8.827	1.8303	12.0943	1.80873
13200	1.0448	2.9924	5.2032	1.2446	8.878	1.8347	12.0960	1.81238
13300	1.0623	3.0147	5.2065	1.2457	8.926	1.8391	12.0973	1.81597
13400	1.0798	3.0364	5.2098	1.2471	8.976	1.8435	12.0987	1.81953
13500	1.0968	3.0577	5.2131	1.2485	9.024	1.8478	12.0993	1.82300
13600	1.1138	3.0788	5.2163	1.2492	9.071	1.8521	12.1000	1.82645
13700	1.1305	3.0997	5.2195	1.2506	9.120	1.8563	12.1006	1.82985
13800	1.1469	3.1203	5.2227	1.2510	9.165	1.8605	12.1008	1.83319
13900	1.1633	3.1408	5.2258	1.2518	9.211	1.8647	12.1013	1.83654
14000	1.1794	3.1610	5.2290	1.2532	9.259	1.8687	12.1011	1.83977
14100	1.1953	3.1809	5.2320	1.2540	9.305	1.8729	12.1010	1.84302
14200	1.2111	3.2007	5.2351	1.2544	9.350	1.8769	12.1009	1.84622



S/R= 43.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14300	1.2267	3.2202	5.2381	1.2553	9.396	1.8809	12.1004	1.84935
14400	1.2421	3.2396	5.2411	1.2559	9.441	1.8848	12.0999	1.85245
14500	1.2573	3.2587	5.2441	1.2566	9.486	1.8887	12.0992	1.85550
14600	1.2723	3.2776	5.2471	1.2568	9.529	1.8925	12.0984	1.85851
14700	1.2873	3.2964	5.2500	1.2569	9.572	1.8964	12.0981	1.86153
14800	1.3021	3.3150	5.2529	1.2577	9.617	1.9001	12.0971	1.86447
14900	1.3168	3.3335	5.2559	1.2574	9.658	1.9039	12.0968	1.86744
15000	1.3314	3.3518	5.2587	1.2571	9.699	1.9077	12.0963	1.87036

S/R= 43.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1300	-6.9316	-6.2541	3.6874	1.3125	2.112	1.0000	3.7451	1.00000
1400	-6.8286	-6.1189	3.7234	1.2896	2.173	1.0000	3.7779	1.00000
1500	-6.7149	-5.9745	3.7611	1.2515	2.217	1.0009	3.8458	1.00089
1600	-6.5925	-5.8233	3.8000	1.2085	2.252	1.0027	3.9438	1.00267
1700	-6.4422	-5.6450	3.8446	1.1648	2.283	1.0066	4.1128	1.00664
1800	-6.2528	-5.4277	3.8963	1.1342	2.326	1.0138	4.3758	1.01385
1900	-6.0243	-5.1716	3.9537	1.1166	2.384	1.0247	4.7309	1.02466
2000	-5.7707	-4.8894	4.0127	1.1080	2.453	1.0386	5.1483	1.03857
2100	-5.5060	-4.5969	4.0697	1.1046	2.529	1.0547	5.5911	1.05466
2200	-5.2435	-4.3070	4.1228	1.1046	2.610	1.0720	6.0310	1.07200
2300	-4.9923	-4.0293	4.1709	1.1069	2.694	1.0898	6.4443	1.08978
2400	-4.7580	-3.7696	4.2139	1.1110	2.779	1.1074	6.8187	1.10736
2500	-4.5442	-3.5315	4.2520	1.1168	2.865	1.1242	7.1455	1.12421
2600	-4.3527	-3.3170	4.2853	1.1247	2.952	1.1399	7.4190	1.13991
2700	-4.1850	-3.1276	4.3142	1.1350	3.041	1.1540	7.6345	1.15402
2800	-4.0408	-2.9630	4.3389	1.1483	3.131	1.1663	7.7940	1.16626
2900	-3.9194	-2.8226	4.3599	1.1652	3.224	1.1765	7.8973	1.17645
3000	-3.8185	-2.7039	4.3775	1.1856	3.319	1.1846	7.9507	1.18456
3100	-3.7350	-2.6040	4.3925	1.2083	3.415	1.1908	7.9636	1.19078
3200	-3.6649	-2.5184	4.4053	1.2305	3.508	1.1954	7.9458	1.19543
3300	-3.6044	-2.4432	4.4165	1.2487	3.594	1.1989	7.9089	1.19889
3400	-3.5502	-2.3751	4.4270	1.2603	3.669	1.2015	7.8523	1.20155
3500	-3.4995	-2.3111	4.4368	1.2641	3.732	1.2037	7.8118	1.20371
3600	-3.4506	-2.2492	4.4464	1.2606	3.782	1.2056	7.7644	1.20563
3700	-3.4017	-2.1877	4.4560	1.2513	3.824	1.2075	7.7226	1.20750
3800	-3.3516	-2.1254	4.4658	1.2387	3.858	1.2095	7.6910	1.20947
3900	-3.2996	-2.0613	4.4759	1.2245	3.890	1.2117	7.6702	1.21168
4000	-3.2448	-1.9946	4.4864	1.2100	3.920	1.2142	7.6619	1.21423
4100	-3.1868	-1.9249	4.4975	1.1965	3.951	1.2172	7.6680	1.21719
4200	-3.1254	-1.8517	4.5091	1.1841	3.984	1.2206	7.6883	1.22063
4300	-3.0602	-1.7749	4.5213	1.1735	4.020	1.2246	7.7237	1.22459
4400	-2.9916	-1.6948	4.5340	1.1646	4.058	1.2291	7.7716	1.22909
4500	-2.9197	-1.6113	4.5472	1.1571	4.099	1.2341	7.8333	1.23413
4600	-2.8451	-1.5252	4.5607	1.1512	4.143	1.2397	7.9055	1.23968
4700	-2.7680	-1.4366	4.5745	1.1464	4.189	1.2457	7.9878	1.24573
4800	-2.6889	-1.3461	4.5886	1.1426	4.238	1.2522	8.0789	1.25224
4900	-2.6083	-1.2542	4.6028	1.1379	4.285	1.2592	8.1773	1.25917
5000	-2.5250	-1.1596	4.6174	1.1357	4.336	1.2664	8.2870	1.26637
5100	-2.4429	-1.0663	4.6316	1.1359	4.393	1.2740	8.3944	1.27398
5200	-2.3606	-0.9729	4.6457	1.1348	4.448	1.2819	8.5053	1.28189
5300	-2.2785	-0.8798	4.6597	1.1340	4.503	1.2901	8.6184	1.29006
5400	-2.1968	-0.7871	4.6735	1.1335	4.559	1.2984	8.7325	1.29843
5500	-2.1156	-0.6951	4.6872	1.1334	4.616	1.3070	8.8475	1.30702

S/R= 43.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5600	-2.0354	-0.6042	4.7006	1.1335	4.673	1.3157	8.9615	1.31571
5700	-1.9560	-0.5142	4.7137	1.1337	4.731	1.3246	9.0752	1.32455
5800	-1.8778	-0.4255	4.7266	1.1342	4.789	1.3335	9.1878	1.33350
5900	-1.8006	-0.3380	4.7393	1.1347	4.848	1.3426	9.2995	1.34255
6000	-1.7249	-0.2521	4.7517	1.1354	4.907	1.3517	9.4084	1.35162
6100	-1.6506	-0.1676	4.7638	1.1354	4.967	1.3608	9.5155	1.36074
6200	-1.5778	-0.0848	4.7756	1.1374	5.026	1.3699	9.6205	1.36988
6300	-1.5064	-0.0036	4.7871	1.1385	5.086	1.3791	9.7230	1.37904
6400	-1.4366	0.0759	4.7984	1.1394	5.145	1.3882	9.8219	1.38813
6500	-1.3681	0.1539	4.8094	1.1406	5.205	1.3973	9.9192	1.39726
6600	-1.3011	0.2304	4.8201	1.1419	5.265	1.4065	10.0139	1.40637
6700	-1.2358	0.3050	4.8306	1.1429	5.324	1.4155	10.1054	1.41541
6800	-1.1716	0.3784	4.8409	1.1442	5.384	1.4246	10.1946	1.42443
6900	-1.1091	0.4500	4.8509	1.1455	5.443	1.4335	10.2807	1.43339
7000	-1.0477	0.5203	4.8607	1.1468	5.503	1.4425	10.3649	1.44232
7100	-0.9880	0.5889	4.8702	1.1483	5.563	1.4514	10.4461	1.45118
7200	-0.9296	0.6560	4.8795	1.1497	5.622	1.4602	10.5245	1.45996
7300	-0.8726	0.7215	4.8886	1.1510	5.681	1.4689	10.5998	1.46864
7400	-0.8166	0.7860	4.8975	1.1522	5.740	1.4776	10.6735	1.47730
7500	-0.7622	0.8488	4.9062	1.1538	5.799	1.4862	10.7439	1.48583
7600	-0.7089	0.9104	4.9147	1.1554	5.858	1.4947	10.8123	1.49431
7700	-0.6570	0.9704	4.9230	1.1570	5.918	1.5031	10.8779	1.50267
7800	-0.6061	1.0292	4.9312	1.1582	5.976	1.5115	10.9413	1.51095
7900	-0.5564	1.0869	4.9391	1.1596	6.034	1.5197	11.0026	1.51917
8000	-0.5077	1.1433	4.9469	1.1612	6.092	1.5279	11.0621	1.52732
8100	-0.4603	1.1985	4.9545	1.1627	6.151	1.5360	11.1189	1.53533
8200	-0.4138	1.2525	4.9620	1.1643	6.209	1.5441	11.1739	1.54327
8300	-0.3685	1.3053	4.9693	1.1659	6.267	1.5520	11.2261	1.55107
8400	-0.3242	1.3570	4.9765	1.1672	6.324	1.5598	11.2769	1.55883
8500	-0.2807	1.4078	4.9835	1.1685	6.381	1.5676	11.3260	1.56648
8600	-0.2382	1.4575	4.9904	1.1705	6.439	1.5752	11.3725	1.57401
8700	-0.1969	1.5059	4.9971	1.1722	6.497	1.5827	11.4170	1.58141
8800	-0.1563	1.5534	5.0037	1.1736	6.553	1.5902	11.4601	1.58875
8900	-0.1166	1.6002	5.0102	1.1750	6.610	1.5976	11.5018	1.59601
9000	-0.0777	1.6458	5.0165	1.1766	6.666	1.6049	11.5413	1.60314
9100	-0.0397	1.6906	5.0227	1.1782	6.723	1.6121	11.5797	1.61022
9200	0.0025	1.7345	5.0288	1.1799	6.780	1.6193	11.6161	1.61715
9300	0.0338	1.7773	5.0348	1.1816	6.836	1.6263	11.6503	1.62395
9400	0.0694	1.8195	5.0407	1.1829	6.891	1.6332	11.6836	1.63070
9500	0.1044	1.8609	5.0465	1.1844	6.947	1.6401	11.7159	1.63737
9600	0.1386	1.9014	5.0522	1.1865	7.004	1.6469	11.7464	1.64393
9700	0.1720	1.9410	5.0577	1.1882	7.059	1.6535	11.7753	1.65036
9800	0.2048	1.9800	5.0632	1.1896	7.114	1.6602	11.8033	1.65673
9900	0.2369	2.0182	5.0686	1.1914	7.170	1.6667	11.8295	1.66298
10000	0.2682	2.0556	5.0739	1.1928	7.224	1.6731	11.8540	1.66909
10100	0.2991	2.0924	5.0791	1.1946	7.279	1.6794	11.8778	1.67516
10200	0.3292	2.1284	5.0842	1.1963	7.334	1.6857	11.9003	1.68111
10300	0.3588	2.1639	5.0892	1.1979	7.388	1.6919	11.9222	1.68700
10400	0.3878	2.1987	5.0941	1.1999	7.444	1.6980	11.9425	1.69278
10500	0.4162	2.2327	5.0990	1.2013	7.497	1.7041	11.9616	1.69845
10600	0.4441	2.2663	5.1038	1.2029	7.551	1.7100	11.9801	1.70407
10700	0.4714	2.2992	5.1085	1.2048	7.606	1.7159	11.9973	1.70958
10800	0.4982	2.3314	5.1131	1.2063	7.659	1.7217	12.0130	1.71496
10900	0.5245	2.3632	5.1176	1.2082	7.713	1.7275	12.0286	1.72031
11000	0.5503	2.3944	5.1221	1.2100	7.767	1.7332	12.0430	1.72556

S/R= 43.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11100	0.5756	2.4250	5.1265	1.2116	7.820	1.7388	12.0562	1.73069
11200	0.6005	2.4552	5.1309	1.2135	7.874	1.7443	12.0692	1.73579
11300	0.6247	2.4846	5.1352	1.2155	7.927	1.7497	12.0802	1.74072
11400	0.6486	2.5137	5.1394	1.2163	7.977	1.7551	12.0910	1.74562
11500	0.6722	2.5424	5.1435	1.2183	8.031	1.7605	12.1016	1.75048
11600	0.6952	2.5704	5.1476	1.2204	8.085	1.7657	12.1104	1.75518
11700	0.7179	2.5981	5.1517	1.2217	8.136	1.7709	12.1191	1.75984
11800	0.7401	2.6253	5.1555	1.2234	8.188	1.7761	12.1271	1.76442
11900	0.7621	2.6522	5.1596	1.2251	8.240	1.7812	12.1348	1.76897
12000	0.7835	2.6784	5.1634	1.2269	8.293	1.7862	12.1411	1.77335
12100	0.8046	2.7044	5.1673	1.2283	8.343	1.7911	12.1472	1.77772
12200	0.8254	2.7299	5.1710	1.2296	8.394	1.7960	12.1526	1.78201
12300	0.8459	2.7552	5.1748	1.2314	8.446	1.8009	12.1579	1.78626
12400	0.8659	2.7798	5.1784	1.2331	8.497	1.8057	12.1619	1.79037
12500	0.8857	2.8043	5.1821	1.2344	8.547	1.8104	12.1659	1.79447
12600	0.9052	2.8283	5.1856	1.2364	8.599	1.8151	12.1694	1.79849
12700	0.9243	2.8520	5.1892	1.2380	8.650	1.8197	12.1723	1.80243
12800	0.9431	2.8753	5.1927	1.2390	8.698	1.8243	12.1746	1.80629
12900	0.9618	2.8984	5.1961	1.2402	8.747	1.8288	12.1769	1.81013
13000	0.9801	2.9212	5.1996	1.2417	8.797	1.8333	12.1790	1.81393
13100	0.9982	2.9436	5.2029	1.2428	8.845	1.8377	12.1803	1.81763
13200	1.0159	2.9657	5.2063	1.2446	8.896	1.8421	12.1813	1.82127
13300	1.0334	2.9874	5.2096	1.2457	8.944	1.8464	12.1818	1.82485
13400	1.0508	3.0091	5.2128	1.2470	8.993	1.8507	12.1825	1.82841
13500	1.0677	3.0302	5.2161	1.2483	9.041	1.8549	12.1824	1.83187
13600	1.0846	3.0513	5.2193	1.2490	9.087	1.8591	12.1824	1.83531
13700	1.1012	3.0721	5.2224	1.2504	9.136	1.8632	12.1821	1.83871
13800	1.1176	3.0925	5.2256	1.2508	9.181	1.8673	12.1816	1.84204
13900	1.1339	3.1130	5.2287	1.2515	9.227	1.8714	12.1815	1.84538
14000	1.1499	3.1330	5.2318	1.2530	9.275	1.8754	12.1805	1.84860
14100	1.1657	3.1528	5.2349	1.2538	9.321	1.8794	12.1798	1.85185
14200	1.1814	3.1725	5.2379	1.2541	9.365	1.8834	12.1790	1.85504
14300	1.1970	3.1920	5.2409	1.2548	9.411	1.8873	12.1779	1.85818
14400	1.2123	3.2112	5.2439	1.2556	9.456	1.8911	12.1767	1.86127
14500	1.2274	3.2302	5.2469	1.2563	9.501	1.8949	12.1755	1.86432
14600	1.2424	3.2491	5.2498	1.2564	9.543	1.8987	12.1739	1.86733
14700	1.2573	3.2678	5.2527	1.2566	9.586	1.9024	12.1729	1.87034
14800	1.2720	3.2863	5.2556	1.2573	9.631	1.9061	12.1713	1.87328
14900	1.2867	3.3047	5.2585	1.2570	9.671	1.9098	12.1703	1.87624
15000	1.3012	3.3229	5.2614	1.2567	9.712	1.9134	12.1692	1.87916

S/R= 44.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1400	-6.9155	-6.2058	3.7234	1.2653	2.152	1.0000	3.7779	1.00000
1500	-6.8001	-6.0597	3.7615	1.2472	2.213	1.0010	3.8496	1.00098
1600	-6.6748	-5.9056	3.8011	1.2033	2.247	1.0029	3.9539	1.00293
1700	-6.5193	-5.7219	3.8469	1.1599	2.279	1.0072	4.1346	1.00725
1800	-6.3226	-5.4970	3.9001	1.1306	2.324	1.0150	4.4137	1.01496
1900	-6.0870	-5.2331	3.9587	1.1142	2.384	1.0264	4.7858	1.02637
2000	-5.8263	-4.9440	4.0185	1.1063	2.454	1.0408	5.2177	1.04084
2100	-5.5565	-4.6462	4.0759	1.1035	2.531	1.0574	5.6710	1.05741
2200	-5.2906	-4.3528	4.1290	1.1039	2.613	1.0751	6.1177	1.07513
2300	-5.0373	-4.0731	4.1769	1.1065	2.697	1.0932	6.5343	1.09318
2400	-4.8023	-3.8126	4.2195	1.1110	2.783	1.1109	6.9091	1.11092

S/R= 44.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2500	-4.5888	-3.5748	4.2573	1.1172	2.870	1.1278	7.2334	1.12783
2600	-4.3987	-3.3616	4.2901	1.1256	2.958	1.1435	7.5017	1.14347
2700	-4.2332	-3.1745	4.3184	1.1365	3.048	1.1574	7.7099	1.15740
2800	-4.0920	-3.0130	4.3426	1.1509	3.139	1.1693	7.8595	1.16935
2900	-3.9740	-2.8761	4.3629	1.1690	3.233	1.1791	7.9521	1.17915
3000	-3.8765	-2.7611	4.3799	1.1906	3.329	1.1868	7.9946	1.18683
3100	-3.7961	-2.6644	4.3943	1.2142	3.426	1.1926	7.9978	1.19262
3200	-3.7285	-2.5814	4.4067	1.2364	3.519	1.1969	7.9721	1.19690
3300	-3.6699	-2.5082	4.4178	1.2537	3.603	1.2001	7.9295	1.20008
3400	-3.6167	-2.4413	4.4280	1.2634	3.675	1.2025	7.8791	1.20253
3500	-3.5667	-2.3779	4.4376	1.2651	3.735	1.2046	7.8266	1.20455
3600	-3.5178	-2.3161	4.4472	1.2596	3.782	1.2064	7.7786	1.20640
3700	-3.4685	-2.2543	4.4568	1.2487	3.821	1.2083	7.7373	1.20825
3800	-3.4178	-2.1913	4.4667	1.2351	3.854	1.2103	7.7075	1.21026
3900	-3.3647	-2.1261	4.4770	1.2203	3.885	1.2125	7.6893	1.21253
4000	-3.3086	-2.0581	4.4877	1.2055	3.915	1.2152	7.6844	1.21520
4100	-3.2490	-1.9867	4.4990	1.1920	3.946	1.2183	7.6947	1.21830
4200	-3.1858	-1.9116	4.5109	1.1798	3.979	1.2219	7.7198	1.22192
4300	-3.1186	-1.8328	4.5233	1.1696	4.016	1.2261	7.7603	1.22609
4400	-3.0480	-1.7505	4.5363	1.1609	4.055	1.2308	7.8136	1.23081
4500	-2.9740	-1.6649	4.5498	1.1539	4.097	1.2361	7.8808	1.23608
4600	-2.8973	-1.5766	4.5636	1.1484	4.142	1.2419	7.9585	1.24189
4700	-2.8182	-1.4859	4.5777	1.1438	4.189	1.2482	8.0462	1.24818
4800	-2.7371	-1.3934	4.5920	1.1402	4.238	1.2550	8.1424	1.25495
4900	-2.6547	-1.2995	4.6064	1.1359	4.286	1.2621	8.2457	1.26214
5000	-2.5697	-1.2032	4.6212	1.1339	4.338	1.2696	8.3597	1.26957
5100	-2.4859	-1.1082	4.6355	1.1342	4.396	1.2774	8.4715	1.27742
5200	-2.4022	-1.0132	4.6498	1.1333	4.451	1.2856	8.5862	1.28557
5300	-2.3187	-0.9186	4.6639	1.1326	4.507	1.2940	8.7029	1.29397
5400	-2.2356	-0.8246	4.6779	1.1323	4.564	1.3026	8.8201	1.30255
5500	-2.1533	-0.7313	4.6916	1.1323	4.621	1.3114	8.9382	1.31134
5600	-2.0720	-0.6393	4.7051	1.1325	4.679	1.3203	9.0548	1.32024
5700	-1.9916	-0.5483	4.7183	1.1328	4.738	1.3293	9.1711	1.32927
5800	-1.9125	-0.4586	4.7313	1.1333	4.796	1.3384	9.2859	1.33840
5900	-1.8345	-0.3702	4.7440	1.1339	4.855	1.3477	9.3996	1.34763
6000	-1.7581	-0.2835	4.7564	1.1347	4.915	1.3569	9.5104	1.35687
6100	-1.6830	-0.1983	4.7685	1.1357	4.975	1.3662	9.6191	1.36616
6200	-1.6096	-0.1149	4.7803	1.1368	5.035	1.3755	9.7255	1.37546
6300	-1.5376	-0.0330	4.7919	1.1378	5.095	1.3848	9.8294	1.38477
6400	-1.4673	0.0471	4.8031	1.1389	5.155	1.3941	9.9294	1.39400
6500	-1.3983	0.1256	4.8141	1.1401	5.215	1.4034	10.0279	1.40328
6600	-1.3309	0.2026	4.8249	1.1414	5.275	1.4126	10.1235	1.41253
6700	-1.2651	0.2776	4.8353	1.1425	5.335	1.4218	10.2158	1.42169
6800	-1.2006	0.3514	4.8456	1.1438	5.395	1.4310	10.3058	1.43084
6900	-1.1377	0.4233	4.8555	1.1451	5.455	1.4401	10.3926	1.43992
7000	-1.0760	0.4940	4.8653	1.1465	5.515	1.4491	10.4772	1.44898
7100	-1.0160	0.5629	4.8749	1.1480	5.575	1.4581	10.5590	1.45794
7200	-0.9573	0.6303	4.8842	1.1495	5.635	1.4671	10.6379	1.46684
7300	-0.9001	0.6961	4.8933	1.1507	5.694	1.4759	10.7135	1.47563
7400	-0.8439	0.7508	4.9021	1.1520	5.753	1.4847	10.7874	1.48438
7500	-0.7893	0.8238	4.9108	1.1535	5.812	1.4933	10.8582	1.49301
7600	-0.7358	0.8855	4.9193	1.1552	5.872	1.5020	10.9268	1.50159
7700	-0.6837	0.9457	4.9276	1.1568	5.931	1.5105	10.9923	1.51003
7800	-0.6327	1.0047	4.9357	1.1581	5.990	1.5189	11.0558	1.51841
7900	-0.5829	1.0625	4.9435	1.1595	6.048	1.5272	11.1172	1.52671

S/R= 44.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8000	-0.5341	1.1191	4.9514	1.1610	6.107	1.5355	11.1766	1.53494
8100	-0.4866	1.1743	4.9590	1.1626	6.166	1.5437	11.2333	1.54303
8200	-0.4400	1.2285	4.9664	1.1642	6.224	1.5518	11.2882	1.55105
8300	-0.3946	1.2813	4.9737	1.1658	6.282	1.5598	11.3404	1.55892
8400	-0.3502	1.3332	4.9808	1.1671	6.339	1.5677	11.3909	1.56674
8500	-0.3067	1.3840	4.9878	1.1685	6.397	1.5755	11.4397	1.57446
8600	-0.2642	1.4337	4.9947	1.1704	6.455	1.5832	11.4861	1.58205
8700	-0.2228	1.4822	5.0014	1.1721	6.513	1.5908	11.5303	1.58952
8800	-0.1822	1.5297	5.0079	1.1735	6.570	1.5983	11.5730	1.59691
8900	-0.1425	1.5765	5.0144	1.1751	6.627	1.6058	11.6144	1.60423
9000	-0.1036	1.6221	5.0207	1.1766	6.683	1.6131	11.6535	1.61141
9100	-0.0655	1.6670	5.0269	1.1783	6.740	1.6204	11.6916	1.61854
9200	-0.0284	1.7108	5.0330	1.1799	6.797	1.6275	11.7275	1.62551
9300	0.0079	1.7536	5.0389	1.1817	6.854	1.6345	11.7613	1.63236
9400	0.0435	1.7957	5.0448	1.1830	6.909	1.6415	11.7942	1.63915
9500	0.0785	1.8371	5.0506	1.1845	6.965	1.6484	11.8260	1.64586
9600	0.1126	1.8776	5.0562	1.1866	7.022	1.6552	11.8560	1.65246
9700	0.1460	1.9172	5.0617	1.1883	7.078	1.6619	11.8843	1.65892
9800	0.1787	1.9562	5.0672	1.1898	7.133	1.6686	11.9117	1.66533
9900	0.2108	1.9943	5.0725	1.1915	7.188	1.6751	11.9374	1.67160
10000	0.2420	2.0316	5.0778	1.1930	7.243	1.6815	11.9613	1.67774
10100	0.2728	2.0683	5.0829	1.1948	7.298	1.6879	11.9846	1.68384
10200	0.3029	2.1043	5.0880	1.1965	7.353	1.6941	12.0065	1.68981
10300	0.3325	2.1397	5.0930	1.1981	7.407	1.7004	12.0277	1.69573
10400	0.3614	2.1744	5.0979	1.2002	7.463	1.7065	12.0474	1.70153
10500	0.3897	2.2083	5.1027	1.2015	7.517	1.7125	12.0659	1.70721
10600	0.4175	2.2418	5.1075	1.2031	7.570	1.7185	12.0836	1.71284
10700	0.4448	2.2746	5.1122	1.2050	7.625	1.7244	12.1001	1.71837
10800	0.4714	2.3068	5.1168	1.2065	7.678	1.7301	12.1152	1.72377
10900	0.4977	2.3385	5.1213	1.2084	7.732	1.7359	12.1300	1.72913
11000	0.5234	2.3696	5.1257	1.2103	7.786	1.7415	12.1437	1.73438
11100	0.5486	2.4001	5.1301	1.2118	7.839	1.7471	12.1562	1.73952
11200	0.5734	2.4302	5.1345	1.2139	7.894	1.7527	12.1684	1.74463
11300	0.5975	2.4595	5.1387	1.2157	7.947	1.7580	12.1788	1.74956
11400	0.6213	2.4884	5.1429	1.2165	7.997	1.7634	12.1889	1.75446
11500	0.6449	2.5171	5.1470	1.2185	8.051	1.7687	12.1988	1.75932
11600	0.6677	2.5450	5.1511	1.2206	8.104	1.7739	12.2069	1.76403
11700	0.6903	2.5725	5.1551	1.2219	8.155	1.7791	12.2146	1.76868
11800	0.7124	2.5996	5.1590	1.2236	8.208	1.7842	12.2218	1.77327
11900	0.7343	2.6264	5.1629	1.2253	8.260	1.7893	12.2289	1.77781
12000	0.7556	2.6525	5.1668	1.2271	8.312	1.7942	12.2343	1.78219
12100	0.7767	2.6784	5.1706	1.2286	8.363	1.7991	12.2397	1.78655
12200	0.7973	2.7038	5.1743	1.2299	8.413	1.8040	12.2444	1.79084
12300	0.8178	2.7289	5.1780	1.2316	8.465	1.8088	12.2490	1.79509
12400	0.8377	2.7535	5.1816	1.2332	8.516	1.8135	12.2521	1.79919
12500	0.8574	2.7778	5.1852	1.2346	8.566	1.8182	12.2554	1.80328
12600	0.8768	2.8018	5.1888	1.2366	8.618	1.8228	12.2581	1.80729
12700	0.8958	2.8253	5.1923	1.2380	8.668	1.8273	12.2602	1.81122
12800	0.9145	2.8485	5.1958	1.2390	8.716	1.8318	12.2617	1.81507
12900	0.9331	2.8715	5.1992	1.2404	8.765	1.8363	12.2632	1.81890
13000	0.9513	2.8941	5.2026	1.2419	8.815	1.8407	12.2645	1.82269
13100	0.9693	2.9164	5.2059	1.2430	8.864	1.8451	12.2652	1.82638
13200	0.9870	2.9384	5.2093	1.2446	8.914	1.8494	12.2654	1.83001
13300	1.0044	2.9601	5.2125	1.2457	8.961	1.8536	12.2653	1.83359
13400	1.0216	2.9816	5.2158	1.2469	9.010	1.8578	12.2652	1.83714

S/R= 44.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13500	1.0385	3.0027	5.2193	1.2483	9.058	1.8619	12.2643	1.84058
13600	1.0553	3.0236	5.2222	1.2490	9.104	1.8660	12.2636	1.84402
13700	1.0718	3.0443	5.2253	1.2502	9.152	1.8701	12.2625	1.84740
13800	1.0881	3.0645	5.2284	1.2506	9.197	1.8741	12.2613	1.85072
13900	1.1043	3.0849	5.2315	1.2513	9.242	1.8781	12.2605	1.85405
14000	1.1202	3.1049	5.2346	1.2529	9.291	1.8820	12.2589	1.85726
14100	1.1360	3.1246	5.2375	1.2536	9.336	1.8860	12.2574	1.86050
14200	1.1516	3.1442	5.2406	1.2539	9.380	1.8898	12.2559	1.86369
14300	1.1671	3.1635	5.2436	1.2548	9.426	1.8936	12.2541	1.86681
14400	1.1823	3.1827	5.2465	1.2552	9.470	1.8974	12.2523	1.86991
14500	1.1974	3.2016	5.2495	1.2559	9.515	1.9011	12.2504	1.87296
14600	1.2123	3.2204	5.2524	1.2561	9.558	1.9048	12.2483	1.87596
14700	1.2272	3.2390	5.2553	1.2563	9.600	1.9085	12.2466	1.87897
14800	1.2419	3.2574	5.2582	1.2569	9.644	1.9120	12.2443	1.88190
14900	1.2564	3.2757	5.2611	1.2566	9.684	1.9156	12.2426	1.88485
15000	1.2708	3.2939	5.2639	1.2563	9.725	1.9192	12.2408	1.88777

S/R= 44.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1500	-6.8851	-6.1447	3.7620	1.2257	2.194	1.0011	3.8537	1.00108
1600	-6.7569	-5.9874	3.8024	1.1930	2.242	1.0032	3.9649	1.00322
1700	-6.5957	-5.7980	3.8493	1.1552	2.275	1.0079	4.1581	1.00790
1800	-6.3914	-5.5654	3.9040	1.1272	2.322	1.0161	4.4540	1.01614
1900	-6.1480	-5.2934	3.9639	1.1119	2.383	1.0281	4.8432	1.02815
2000	-5.8808	-4.9975	4.0244	1.1048	2.455	1.0432	5.2892	1.04317
2100	-5.6062	-4.6948	4.0821	1.1026	2.534	1.0602	5.7528	1.06021
2200	-5.3370	-4.3980	4.1352	1.1033	2.616	1.0783	6.2057	1.07830
2300	-5.0820	-4.1164	4.1829	1.1063	2.701	1.0966	6.6251	1.09661
2400	-4.8464	-3.8553	4.2253	1.1110	2.788	1.1145	6.9995	1.11450
2500	-4.6335	-3.6181	4.2625	1.1177	2.875	1.1314	7.3209	1.13144
2600	-4.4449	-3.4065	4.2948	1.1266	2.964	1.1470	7.5834	1.14699
2700	-4.2819	-3.2219	4.3225	1.1384	3.054	1.1607	7.7833	1.16071
2800	-4.1438	-3.0638	4.3460	1.1537	3.147	1.1723	7.9228	1.17232
2900	-4.0293	-2.9306	4.3657	1.1731	3.242	1.1817	8.0042	1.18171
3000	-3.9354	-2.8192	4.3821	1.1960	3.340	1.1889	8.0357	1.18895
3100	-3.8580	-2.7257	4.3960	1.2203	3.437	1.1943	8.0293	1.19432
3200	-3.7928	-2.6452	4.4080	1.2423	3.529	1.1983	7.9962	1.19825
3300	-3.7357	-2.5737	4.4188	1.2582	3.611	1.2012	7.9483	1.20116
3400	-3.6836	-2.5079	4.4289	1.2660	3.680	1.2034	7.8947	1.20342
3500	-3.6340	-2.4450	4.4384	1.2655	3.736	1.2053	7.8406	1.20534
3600	-3.5851	-2.3831	4.4490	1.2590	3.781	1.2071	7.7923	1.20713
3700	-3.5354	-2.3209	4.4575	1.2458	3.817	1.2090	7.7521	1.20898
3800	-3.4838	-2.2570	4.4675	1.2311	3.849	1.2110	7.7242	1.21103
3900	-3.4296	-2.1907	4.4781	1.2158	3.879	1.2134	7.7090	1.21339
4000	-3.3721	-2.1212	4.4890	1.2009	3.909	1.2162	7.7079	1.21618
4100	-3.3108	-2.0480	4.5006	1.1875	3.940	1.2194	7.7227	1.21944
4200	-3.2456	-1.9710	4.5127	1.1756	3.974	1.2233	7.7527	1.22325
4300	-3.1764	-1.8900	4.5255	1.1657	4.011	1.2276	7.7986	1.22763
4400	-3.1037	-1.8056	4.5387	1.1574	4.051	1.2326	7.8575	1.23258
4500	-3.0276	-1.7178	4.5525	1.1508	4.095	1.2381	7.9303	1.23810
4600	-2.9487	-1.6273	4.5666	1.1456	4.141	1.2442	8.0135	1.24416
4700	-2.8676	-1.5345	4.5809	1.1413	4.189	1.2507	8.1065	1.25071
4800	-2.7846	-1.4399	4.5955	1.1380	4.239	1.2577	8.2079	1.25773
4900	-2.7003	-1.3441	4.6101	1.1340	4.288	1.2652	8.3161	1.26517

S/R= 44.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5000	-2.6136	-1.2460	4.6250	1.1323	4.341	1.2729	8.4345	1.27286
5100	-2.5282	-1.1493	4.6396	1.1326	4.399	1.2810	8.5504	1.28095
5200	-2.4430	-1.0528	4.6540	1.1319	4.455	1.2893	8.6589	1.28932
5300	-2.3581	-0.9567	4.6682	1.1314	4.511	1.2979	8.7891	1.29794
5400	-2.2738	-0.8614	4.6823	1.1312	4.569	1.3068	8.9096	1.30674
5500	-2.1903	-0.7669	4.6961	1.1312	4.627	1.3157	9.0305	1.31574
5600	-2.1080	-0.6738	4.7096	1.1314	4.685	1.3249	9.1498	1.32484
5700	-2.0267	-0.5817	4.7229	1.1319	4.744	1.3341	9.2684	1.33405
5800	-1.9467	-0.4912	4.7359	1.1324	4.804	1.3434	9.3854	1.34337
5900	-1.8679	-0.4019	4.7486	1.1331	4.863	1.3528	9.5010	1.35278
6000	-1.7907	-0.3144	4.7610	1.1340	4.923	1.3622	9.6136	1.36218
6100	-1.7150	-0.2285	4.7732	1.1350	4.983	1.3717	9.7238	1.37163
6200	-1.6409	-0.1444	4.7850	1.1362	5.044	1.3811	9.8318	1.38109
6300	-1.5683	-0.0619	4.7966	1.1373	5.104	1.3906	9.9369	1.39055
6400	-1.4975	0.0187	4.8079	1.1384	5.165	1.4000	10.0381	1.39993
6500	-1.4281	0.0977	4.8188	1.1395	5.225	1.4094	10.1376	1.40934
6600	-1.3602	0.1751	4.8296	1.1409	5.286	1.4188	10.2341	1.41873
6700	-1.2941	0.2506	4.8401	1.1421	5.346	1.4281	10.3271	1.42802
6800	-1.2292	0.3248	4.8503	1.1434	5.406	1.4374	10.4179	1.43730
6900	-1.1660	0.3971	4.8603	1.1448	5.466	1.4466	10.5052	1.44650
7000	-1.1040	0.4680	4.8700	1.1461	5.527	1.4558	10.5904	1.45567
7100	-1.0437	0.5372	4.8795	1.1477	5.587	1.4649	10.6726	1.46475
7200	-0.9847	0.6049	4.8888	1.1492	5.647	1.4740	10.7520	1.47375
7300	-0.9273	0.6709	4.8979	1.1504	5.707	1.4829	10.8278	1.48264
7400	-0.8710	0.7358	4.9067	1.1517	5.766	1.4918	10.9019	1.49149
7500	-0.8161	0.7991	4.9154	1.1533	5.826	1.5005	10.9729	1.50022
7600	-0.7624	0.8610	4.9239	1.1549	5.886	1.5092	11.0415	1.50889
7700	-0.7102	0.9213	4.9321	1.1566	5.945	1.5178	11.1072	1.51743
7800	-0.6591	0.9805	4.9402	1.1579	6.004	1.5263	11.1706	1.52588
7900	-0.6091	1.0384	4.9481	1.1593	6.063	1.5348	11.2322	1.53427
8000	-0.5603	1.0951	4.9558	1.1609	6.122	1.5431	11.2915	1.54257
8100	-0.5126	1.1504	4.9634	1.1625	6.181	1.5514	11.3480	1.55074
8200	-0.4660	1.2046	4.9708	1.1641	6.239	1.5595	11.4028	1.55883
8300	-0.4206	1.2576	4.9781	1.1657	6.298	1.5676	11.4548	1.56678
8400	-0.3761	1.3095	4.9852	1.1670	6.355	1.5755	11.5052	1.57466
8500	-0.3325	1.3603	4.9921	1.1685	6.413	1.5834	11.5537	1.58245
8600	-0.2900	1.4101	4.9990	1.1704	6.472	1.5912	11.5998	1.59010
8700	-0.2486	1.4586	5.0055	1.1721	6.529	1.5988	11.6436	1.59762
8800	-0.2080	1.5062	5.0122	1.1735	6.586	1.6064	11.6862	1.60507
8900	-0.1682	1.5529	5.0186	1.1751	6.644	1.6139	11.7271	1.61244
9000	-0.1294	1.5986	5.0249	1.1767	6.700	1.6212	11.7658	1.61967
9100	-0.0913	1.5434	5.0310	1.1783	6.758	1.6286	11.8034	1.62684
9200	-0.0542	1.5872	5.0371	1.1800	6.815	1.6357	11.8389	1.63387
9300	-0.0179	1.7300	5.0430	1.1817	6.871	1.6428	11.8723	1.64075
9400	0.0177	1.7721	5.0488	1.1831	6.927	1.6498	11.9045	1.64758
9500	0.0526	1.8134	5.0546	1.1846	6.983	1.6568	11.9359	1.65433
9600	0.0867	1.8539	5.0602	1.1867	7.040	1.6636	11.9653	1.66096
9700	0.1200	1.8934	5.0657	1.1884	7.096	1.6703	11.9930	1.66746
9800	0.1527	1.9323	5.0711	1.1899	7.151	1.6770	12.0199	1.67389
9900	0.1847	1.9704	5.0764	1.1917	7.207	1.6835	12.0450	1.68019
10000	0.2159	2.0076	5.0816	1.1932	7.261	1.6899	12.0684	1.68636
10100	0.2466	2.0443	5.0868	1.1950	7.317	1.6963	12.0910	1.69247
10200	0.2766	2.0802	5.0918	1.1966	7.372	1.7025	12.1122	1.69847
10300	0.3061	2.1155	5.0968	1.1982	7.426	1.7088	12.1327	1.70441
10400	0.3350	2.1501	5.1017	1.2004	7.482	1.7149	12.1517	1.71022

S/R= 44.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10500	0.3632	2.1840	5.1065	1.2018	7.536	1.7209	12.1596	1.71592
10600	0.3910	2.2174	5.1112	1.2034	7.590	1.7269	12.1865	1.72156
10700	0.4181	2.2501	5.1158	1.2052	7.644	1.7327	12.2024	1.72709
10800	0.4447	2.2821	5.1204	1.2057	7.697	1.7385	12.2168	1.73250
10900	0.4709	2.3137	5.1249	1.2086	7.752	1.7442	12.2309	1.73787
11000	0.4965	2.3447	5.1293	1.2105	7.806	1.7499	12.2437	1.74313
11100	0.5216	2.3751	5.1337	1.2121	7.859	1.7554	12.2555	1.74828
11200	0.5463	2.4051	5.1380	1.2141	7.913	1.7609	12.2670	1.75339
11300	0.5703	2.4343	5.1422	1.2161	7.967	1.7663	12.2766	1.75831
11400	0.5940	2.4631	5.1463	1.2158	8.017	1.7716	12.2860	1.76322
11500	0.6174	2.4917	5.1504	1.2188	8.070	1.7769	12.2950	1.76808
11600	0.6402	2.5194	5.1544	1.2209	8.124	1.7821	12.3024	1.77278
11700	0.6627	2.5469	5.1584	1.2221	8.175	1.7872	12.3094	1.77743
11800	0.6847	2.5739	5.1623	1.2239	8.227	1.7922	12.3157	1.78201
11900	0.7065	2.6005	5.1662	1.2256	8.279	1.7973	12.3220	1.78655
12000	0.7277	2.6265	5.1700	1.2274	8.331	1.8021	12.3266	1.79092
12100	0.7486	2.6522	5.1738	1.2289	8.382	1.8070	12.3312	1.79528
12200	0.7692	2.6775	5.1775	1.2302	8.433	1.8118	12.3351	1.79955
12300	0.7896	2.7026	5.1812	1.2319	8.484	1.8166	12.3390	1.80379
12400	0.8094	2.7270	5.1848	1.2334	8.534	1.8212	12.3413	1.80788
12500	0.8290	2.7512	5.1884	1.2348	8.585	1.8258	12.3438	1.81196
12600	0.8483	2.7750	5.1919	1.2368	8.636	1.8304	12.3458	1.81596
12700	0.8672	2.7984	5.1954	1.2382	8.686	1.8349	12.3471	1.81988
12800	0.8858	2.8215	5.1988	1.2392	8.734	1.8393	12.3476	1.82371
12900	0.9043	2.8444	5.2022	1.2405	8.783	1.8437	12.3485	1.82753
13000	0.9224	2.8669	5.2055	1.2420	8.833	1.8480	12.3489	1.83130
13100	0.9403	2.8891	5.2089	1.2431	8.881	1.8523	12.3489	1.83499
13200	0.9578	2.9110	5.2122	1.2447	8.931	1.8565	12.3482	1.83860
13300	0.9751	2.9325	5.2154	1.2458	8.979	1.8607	12.3474	1.84217
13400	0.9923	2.9539	5.2187	1.2470	9.027	1.8649	12.3467	1.84571
13500	1.0091	2.9749	5.2218	1.2482	9.075	1.8689	12.3451	1.84914
13600	1.0258	2.9957	5.2250	1.2489	9.121	1.8729	12.3437	1.85256
13700	1.0423	3.0163	5.2281	1.2502	9.169	1.8769	12.3419	1.85594
13800	1.0585	3.0365	5.2312	1.2506	9.213	1.8808	12.3399	1.85924
13900	1.0746	3.0567	5.2343	1.2511	9.258	1.8848	12.3382	1.86256
14000	1.0904	3.0765	5.2373	1.2528	9.307	1.8886	12.3360	1.86575
14100	1.1061	3.0962	5.2403	1.2535	9.352	1.8924	12.3338	1.86898
14200	1.1216	3.1157	5.2433	1.2537	9.396	1.8962	12.3315	1.87215
14300	1.1370	3.1349	5.2463	1.2545	9.441	1.8999	12.3291	1.87526
14400	1.1522	3.1540	5.2492	1.2549	9.484	1.9036	12.3266	1.87835
14500	1.1672	3.1728	5.2521	1.2557	9.529	1.9072	12.3240	1.88140
14600	1.1820	3.1915	5.2550	1.2558	9.572	1.9108	12.3213	1.88439
14700	1.1968	3.2101	5.2579	1.2560	9.614	1.9144	12.3191	1.88741
14800	1.2114	3.2283	5.2607	1.2567	9.658	1.9179	12.3162	1.89033
14900	1.2259	3.2466	5.2636	1.2562	9.698	1.9214	12.3139	1.89328
15000	1.2403	3.2646	5.2664	1.2558	9.737	1.9249	12.3115	1.89619

S/R= 44.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1500	-6.9699	-6.2295	3.7625	1.2206	2.189	1.0012	3.8582	1.00119
1600	-6.8383	-6.0688	3.8037	1.1927	2.238	1.0035	3.9769	1.00353
1700	-6.6712	-5.8732	3.8520	1.1506	2.271	1.0086	4.1834	1.00860
1800	-6.4592	-5.6326	3.9082	1.1240	2.320	1.0174	4.4965	1.01740
1900	-6.2000	-5.3526	3.9692	1.1098	2.383	1.0300	4.9030	1.03000



S/R= 44.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2000	-5.9343	-5.0501	4.0304	1.1034	2.456	1.0456	5.3628	1.04558
2100	-5.6551	-4.7425	4.0883	1.1017	2.536	1.0631	5.8361	1.06308
2200	-5.3829	-4.4426	4.1414	1.1028	2.619	1.0815	6.2948	1.08150
2300	-5.1263	-4.1593	4.1889	1.1060	2.705	1.1001	6.7165	1.10005
2400	-4.8974	-3.8978	4.2309	1.1112	2.792	1.1181	7.0902	1.11808
2500	-4.6782	-3.6614	4.2676	1.1182	2.881	1.1350	7.4078	1.13503
2600	-4.4914	-3.4517	4.2994	1.1277	2.970	1.1505	7.6638	1.15046
2700	-4.3311	-3.2700	4.3265	1.1404	3.061	1.1639	7.8548	1.16393
2800	-4.1964	-3.1153	4.3494	1.1569	3.155	1.1752	7.9835	1.17519
2900	-4.0856	-2.9860	4.3684	1.1776	3.252	1.1841	8.0533	1.18414
3000	-3.9951	-2.8783	4.3842	1.2017	3.351	1.1909	8.0739	1.19092
3100	-3.9207	-2.7878	4.3976	1.2266	3.448	1.1959	8.0582	1.19589
3200	-3.8577	-2.7097	4.4092	1.2480	3.539	1.1995	8.0182	1.19949
3300	-3.8021	-2.6398	4.4197	1.2624	3.619	1.2021	7.9656	1.20215
3400	-3.7508	-2.5748	4.4296	1.2680	3.685	1.2043	7.9092	1.20425
3500	-3.7015	-2.5122	4.4392	1.2653	3.737	1.2061	7.8539	1.20607
3600	-3.6524	-2.4502	4.4487	1.2560	3.779	1.2078	7.8059	1.20782
3700	-3.6021	-2.3874	4.4585	1.2424	3.813	1.2097	7.7669	1.20969
3800	-3.5496	-2.3226	4.4686	1.2269	3.844	1.2118	7.7414	1.21179
3900	-3.4942	-2.2549	4.4792	1.2112	3.873	1.2143	7.7293	1.21426
4000	-3.4351	-2.1838	4.4904	1.1963	3.903	1.2172	7.7324	1.21718
4100	-3.3720	-2.1088	4.5022	1.1830	3.935	1.2206	7.7519	1.22061
4200	-3.3048	-2.0297	4.5146	1.1715	3.969	1.2246	7.7871	1.22462
4300	-3.2335	-1.9466	4.5277	1.1619	4.008	1.2292	7.8386	1.22923
4400	-3.1587	-1.8599	4.5413	1.1541	4.049	1.2344	7.9032	1.23442
4500	-3.0804	-1.7698	4.5553	1.1478	4.093	1.2402	7.9818	1.24019
4600	-2.9994	-1.6771	4.5697	1.1429	4.140	1.2465	8.0706	1.24650
4700	-2.9162	-1.5822	4.5843	1.1389	4.189	1.2533	8.1591	1.25332
4800	-2.8312	-1.4856	4.5990	1.1359	4.240	1.2606	8.2756	1.26059
4900	-2.7451	-1.3879	4.6139	1.1322	4.289	1.2683	8.3885	1.26828
5000	-2.6567	-1.2879	4.6290	1.1307	4.344	1.2762	8.5113	1.27622
5100	-2.5698	-1.1896	4.6436	1.1311	4.402	1.2845	8.6312	1.28454
5200	-2.4831	-1.0916	4.6582	1.1305	4.459	1.2931	8.7535	1.29315
5300	-2.3969	-0.9942	4.6725	1.1301	4.516	1.3020	8.8771	1.30199
5400	-2.3114	-0.8975	4.6867	1.1300	4.574	1.3110	9.0007	1.31100
5500	-2.2268	-0.8019	4.7006	1.1302	4.633	1.3202	9.1244	1.32020
5600	-2.1434	-0.7077	4.7142	1.1305	4.692	1.3295	9.2463	1.32950
5700	-2.0611	-0.6146	4.7275	1.1310	4.751	1.3389	9.3671	1.33890
5800	-1.9803	-0.5232	4.7405	1.1317	4.811	1.3484	9.4863	1.34840
5900	-1.9007	-0.4331	4.7533	1.1324	4.871	1.3580	9.6038	1.35798
6000	-1.8228	-0.3448	4.7657	1.1333	4.931	1.3676	9.7181	1.36755
6100	-1.7464	-0.2582	4.7779	1.1344	4.992	1.3772	9.8299	1.37716
6200	-1.6717	-0.1735	4.7897	1.1356	5.053	1.3868	9.9391	1.38678
6300	-1.5986	-0.0904	4.8013	1.1367	5.114	1.3964	10.0455	1.39638
6400	-1.5273	-0.0093	4.8126	1.1379	5.174	1.4060	10.1478	1.40591
6500	-1.4575	0.0702	4.8236	1.1391	5.235	1.4155	10.2481	1.41546
6600	-1.3892	0.1481	4.8343	1.1405	5.296	1.4250	10.3456	1.42497
6700	-1.3227	0.2240	4.8447	1.1417	5.357	1.4345	10.4393	1.43440
6800	-1.2574	0.2985	4.8550	1.1430	5.417	1.4439	10.5306	1.44379
6900	-1.1939	0.3711	4.8649	1.1444	5.478	1.4532	10.6187	1.45311
7000	-1.1316	0.4424	4.8747	1.1458	5.539	1.4625	10.7044	1.46239
7100	-1.0711	0.5119	4.8842	1.1474	5.599	1.4718	10.7869	1.47158
7200	-1.0119	0.5798	4.8934	1.1489	5.660	1.4809	10.8665	1.48069
7300	-0.9543	0.6461	4.9024	1.1502	5.720	1.4899	10.9427	1.48968
7400	-0.8977	0.7112	4.9113	1.1515	5.779	1.4989	11.0170	1.49863

S/R= 44.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7500	-0.8426	0.7746	4.9199	1.1531	5.839	1.5077	11.0882	1.50746
7600	-0.7889	0.8367	4.9284	1.1548	5.900	1.5165	11.1570	1.51621
7700	-0.7365	0.8972	4.9366	1.1565	5.959	1.5252	11.2227	1.52484
7800	-0.6853	0.9564	4.9446	1.1577	6.018	1.5338	11.2860	1.53338
7900	-0.6352	1.0145	4.9525	1.1592	6.077	1.5423	11.3474	1.54184
8000	-0.5862	1.0713	4.9603	1.1609	6.137	1.5508	11.4067	1.55023
8100	-0.5385	1.1267	4.9678	1.1624	6.196	1.5591	11.4631	1.55847
8200	-0.4918	1.1810	4.9752	1.1640	6.255	1.5673	11.5176	1.56663
8300	-0.4463	1.2340	4.9824	1.1657	6.313	1.5754	11.5694	1.57464
8400	-0.4018	1.2859	4.9895	1.1670	6.371	1.5834	11.6196	1.58259
8500	-0.3582	1.3368	4.9964	1.1685	6.429	1.5914	11.6679	1.59043
8600	-0.3157	1.3866	5.0032	1.1704	6.488	1.5992	11.7135	1.59814
8700	-0.2742	1.4351	5.0098	1.1721	6.546	1.6068	11.7570	1.60572
8800	-0.2336	1.4827	5.0163	1.1735	6.603	1.6145	11.7991	1.61322
8900	-0.1939	1.5294	5.0227	1.1751	6.660	1.6220	11.8398	1.62064
9000	-0.1550	1.5751	5.0290	1.1767	6.718	1.6294	11.8781	1.62792
9100	-0.1170	1.6199	5.0351	1.1784	6.775	1.6368	11.9151	1.63513
9200	-0.0798	1.6637	5.0412	1.1802	6.832	1.6440	11.9500	1.64220
9300	-0.0436	1.7065	5.0470	1.1819	6.889	1.6511	11.9830	1.64912
9400	-0.0081	1.7485	5.0528	1.1832	6.944	1.6581	12.0148	1.65599
9500	0.0268	1.7898	5.0585	1.1848	7.001	1.6651	12.0455	1.66277
9600	0.0609	1.8302	5.0641	1.1869	7.058	1.6719	12.0744	1.66943
9700	0.0941	1.8697	5.0696	1.1885	7.114	1.6786	12.1015	1.67596
9800	0.1268	1.9085	5.0750	1.1901	7.169	1.6853	12.1278	1.68242
9900	0.1587	1.9465	5.0803	1.1920	7.226	1.6919	12.1522	1.68874
10000	0.1898	1.9837	5.0855	1.1934	7.280	1.6983	12.1749	1.69493
10100	0.2205	2.0203	5.0906	1.1952	7.335	1.7047	12.1969	1.70106
10200	0.2504	2.0561	5.0956	1.1969	7.391	1.7109	12.2175	1.70708
10300	0.2798	2.0913	5.1005	1.1985	7.445	1.7171	12.2373	1.71303
10400	0.3086	2.1258	5.1054	1.2006	7.501	1.7232	12.2555	1.71886
10500	0.3367	2.1596	5.1101	1.2021	7.555	1.7293	12.2726	1.72457
10600	0.3644	2.1929	5.1148	1.2037	7.609	1.7352	12.2890	1.73022
10700	0.3914	2.2255	5.1194	1.2056	7.664	1.7411	12.3041	1.73575
10800	0.4179	2.2574	5.1240	1.2070	7.716	1.7468	12.3177	1.74117
10900	0.4440	2.2889	5.1284	1.2090	7.771	1.7525	12.3310	1.74654
11000	0.4695	2.3198	5.1328	1.2108	7.825	1.7581	12.3431	1.75180
11100	0.4945	2.3501	5.1371	1.2124	7.878	1.7636	12.3540	1.75695
11200	0.5191	2.3799	5.1414	1.2145	7.933	1.7691	12.3648	1.76206
11300	0.5430	2.4090	5.1455	1.2164	7.986	1.7744	12.3735	1.76698
11400	0.5666	2.4377	5.1497	1.2172	8.036	1.7797	12.3821	1.77188
11500	0.5900	2.4661	5.1538	1.2192	8.090	1.7850	12.3903	1.77674
11600	0.6126	2.4938	5.1578	1.2212	8.143	1.7901	12.3969	1.78143
11700	0.6350	2.5211	5.1617	1.2224	8.194	1.7952	12.4032	1.78608
11800	0.6569	2.5480	5.1655	1.2242	8.246	1.8002	12.4087	1.79065
11900	0.6785	2.5745	5.1695	1.2260	8.299	1.8052	12.4142	1.79517
12000	0.6997	2.6004	5.1732	1.2277	8.350	1.8100	12.4179	1.79954
12100	0.7205	2.6260	5.1770	1.2292	8.401	1.8148	12.4217	1.80388
12200	0.7410	2.6511	5.1806	1.2306	8.452	1.8195	12.4247	1.80814
12300	0.7612	2.6760	5.1843	1.2322	8.503	1.8243	12.4278	1.81236
12400	0.7809	2.7004	5.1879	1.2337	8.553	1.8288	12.4294	1.81644
12500	0.8004	2.7245	5.1914	1.2351	8.603	1.8334	12.4312	1.82051
12600	0.8196	2.7482	5.1949	1.2370	8.655	1.8379	12.4322	1.82449
12700	0.8384	2.7714	5.1984	1.2384	8.705	1.8423	12.4328	1.82840
12800	0.8569	2.7944	5.2018	1.2394	8.753	1.8467	12.4326	1.83222
12900	0.8753	2.8171	5.2052	1.2407	8.802	1.8510	12.4326	1.83602

S/R= 44.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13000	0.8933	2.8395	5.2085	1.2421	8.851	1.8553	12.4323	1.83977
13100	0.9111	2.8616	5.2118	1.2433	8.899	1.8595	12.4313	1.84344
13200	0.9286	2.8833	5.2150	1.2450	8.949	1.8636	12.4299	1.84703
13300	0.9458	2.9048	5.2183	1.2459	8.996	1.8677	12.4284	1.85058
13400	0.9629	2.9261	5.2215	1.2471	9.044	1.8718	12.4268	1.85410
13500	0.9796	2.9469	5.2246	1.2482	9.092	1.8758	12.4246	1.85753
13600	0.9962	2.9677	5.2277	1.2489	9.137	1.8797	12.4225	1.86094
13700	1.0125	2.9881	5.2308	1.2502	9.185	1.8836	12.4200	1.86430
13800	1.0287	3.0083	5.2339	1.2506	9.229	1.8875	12.4173	1.86759
13900	1.0447	3.0283	5.2370	1.2510	9.274	1.8913	12.4148	1.87089
14000	1.0605	3.0481	5.2400	1.2527	9.322	1.8950	12.4119	1.87407
14100	1.0760	3.0676	5.2430	1.2534	9.368	1.8988	12.4089	1.87728
14200	1.0915	3.0870	5.2459	1.2536	9.411	1.9025	12.4061	1.88044
14300	1.1068	3.1061	5.2489	1.2544	9.456	1.9061	12.4029	1.88354
14400	1.1219	3.1251	5.2518	1.2547	9.499	1.9097	12.3997	1.88661
14500	1.1368	3.1438	5.2547	1.2554	9.543	1.9133	12.3964	1.88964
14600	1.1515	3.1624	5.2575	1.2556	9.586	1.9168	12.3933	1.89263
14700	1.1663	3.1809	5.2604	1.2558	9.628	1.9203	12.3902	1.89564
14800	1.1808	3.1991	5.2632	1.2563	9.671	1.9237	12.3868	1.89856
14900	1.1953	3.2172	5.2660	1.2559	9.711	1.9271	12.3840	1.90151
15000	1.2096	3.2352	5.2688	1.2555	9.750	1.9305	12.3810	1.90441

S/R= 44.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1600	-6.9193	-6.1497	3.8051	1.1655	2.213	1.0039	3.9900	1.00387
1700	-6.7460	-5.9476	3.8548	1.1462	2.268	1.0094	4.2105	1.00935
1800	-6.5259	-5.5987	3.9125	1.1209	2.318	1.0187	4.5416	1.01872
1900	-6.2669	-5.4106	3.9747	1.1078	2.383	1.0319	4.9651	1.03193
2000	-5.9869	-5.1017	4.0365	1.1021	2.458	1.0481	5.4385	1.04806
2100	-5.7033	-4.7894	4.0946	1.1008	2.539	1.0660	5.9210	1.06599
2200	-5.4283	-4.4867	4.1476	1.1023	2.623	1.0848	6.3850	1.08475
2300	-5.1703	-4.2019	4.1948	1.1059	2.709	1.1035	6.8084	1.10352
2400	-4.9342	-3.9403	4.2364	1.1114	2.797	1.1216	7.1807	1.12165
2500	-4.7231	-3.7049	4.2727	1.1189	2.886	1.1386	7.4941	1.13859
2600	-4.5383	-3.4973	4.3039	1.1290	2.976	1.1539	7.7428	1.15387
2700	-4.3809	-3.3186	4.3303	1.1426	3.068	1.1671	7.9242	1.16706
2800	-4.2498	-3.1677	4.3525	1.1604	3.164	1.1779	8.0415	1.17793
2900	-4.1428	-3.0423	4.3709	1.1825	3.262	1.1864	8.0995	1.18643
3000	-4.0558	-2.9383	4.3861	1.2077	3.362	1.1928	8.1092	1.19276
3100	-3.9842	-2.8508	4.3990	1.2329	3.459	1.1973	8.0848	1.19732
3200	-3.9232	-2.7748	4.4103	1.2535	3.549	1.2006	8.0382	1.20062
3300	-3.8689	-2.7063	4.4206	1.2661	3.625	1.2031	7.9815	1.20305
3400	-3.8183	-2.6420	4.4304	1.2694	3.688	1.2050	7.9228	1.20501
3500	-3.7691	-2.5796	4.4399	1.2644	3.737	1.2068	7.8667	1.20676
3600	-3.7197	-2.5173	4.4495	1.2535	3.776	1.2085	7.8192	1.20849
3700	-3.6688	-2.4538	4.4593	1.2387	3.809	1.2104	7.7819	1.21038
3800	-3.6152	-2.3879	4.4696	1.2226	3.838	1.2126	7.7591	1.21255
3900	-3.5584	-2.3188	4.4804	1.2065	3.867	1.2151	7.7506	1.21514
4000	-3.4976	-2.2460	4.4918	1.1917	3.897	1.2182	7.7580	1.21821
4100	-3.4326	-2.1690	4.5039	1.1787	3.929	1.2218	7.7825	1.22183
4200	-3.3634	-2.0878	4.5166	1.1674	3.965	1.2260	7.8231	1.22605
4300	-3.2900	-2.0024	4.5300	1.1583	4.004	1.2309	7.8805	1.23088
4400	-3.2129	-1.9135	4.5439	1.1509	4.046	1.2363	7.9509	1.23632
4500	-3.1324	-1.8211	4.5582	1.1449	4.091	1.2424	8.0353	1.24235

S/R= 44.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4600	-3.0493	-1.7261	4.5728	1.1404	4.139	1.2489	8.1293	1.24892
4700	-2.9640	-1.6291	4.5877	1.1367	4.189	1.2560	8.2336	1.25600
4800	-2.8771	-1.5304	4.6027	1.1339	4.241	1.2635	8.3452	1.26353
4900	-2.7892	-1.4308	4.6177	1.1305	4.292	1.2715	8.4529	1.27147
5000	-2.6991	-1.3292	4.6330	1.1292	4.347	1.2797	8.5900	1.27966
5100	-2.6106	-1.2292	4.6478	1.1297	4.406	1.2882	8.7140	1.28822
5200	-2.5225	-1.1297	4.6625	1.1292	4.463	1.2970	8.8399	1.29705
5300	-2.4350	-1.0309	4.6769	1.1290	4.521	1.3061	8.9668	1.30611
5400	-2.3483	-0.9330	4.6911	1.1290	4.579	1.3153	9.0934	1.31534
5500	-2.2625	-0.8362	4.7051	1.1293	4.639	1.3247	9.2199	1.32474
5600	-2.1782	-0.7409	4.7187	1.1296	4.698	1.3342	9.3443	1.33422
5700	-2.0950	-0.6469	4.7321	1.1302	4.758	1.3438	9.4673	1.34381
5800	-2.0133	-0.5546	4.7452	1.1309	4.818	1.3535	9.5885	1.35349
5900	-1.9330	-0.4637	4.7580	1.1317	4.879	1.3633	9.7078	1.36325
6000	-1.8544	-0.3747	4.7704	1.1327	4.940	1.3730	9.8237	1.37298
6100	-1.7774	-0.2875	4.7826	1.1338	5.001	1.3828	9.9371	1.38275
6200	-1.7021	-0.2021	4.7945	1.1351	5.062	1.3925	10.0476	1.39251
6300	-1.6285	-0.1185	4.8060	1.1362	5.123	1.4023	10.1551	1.40227
6400	-1.5567	-0.0369	4.8173	1.1374	5.184	1.4120	10.2584	1.41193
6500	-1.4864	0.0431	4.8283	1.1387	5.246	1.4217	10.3597	1.42162
6600	-1.4177	0.1214	4.8390	1.1401	5.307	1.4313	10.4580	1.43126
6700	-1.3509	0.1977	4.8494	1.1413	5.368	1.4409	10.5524	1.44081
6800	-1.2853	0.2726	4.8596	1.1426	5.429	1.4504	10.6442	1.45033
6900	-1.2215	0.3455	4.8696	1.1441	5.490	1.4599	10.7329	1.45976
7000	-1.1589	0.4171	4.8793	1.1455	5.551	1.4693	10.8189	1.46916
7100	-1.0982	0.4868	4.8888	1.1471	5.612	1.4786	10.9018	1.47845
7200	-1.0397	0.5550	4.8980	1.1486	5.672	1.4878	10.9818	1.48766
7300	-0.9809	0.6215	4.9070	1.1500	5.733	1.4970	11.0582	1.49675
7400	-0.9242	0.6868	4.9158	1.1513	5.792	1.5060	11.1326	1.50580
7500	-0.8690	0.7504	4.9244	1.1529	5.853	1.5150	11.2038	1.51472
7600	-0.8150	0.8126	4.9328	1.1546	5.913	1.5239	11.2728	1.52356
7700	-0.7625	0.8732	4.9410	1.1563	5.974	1.5326	11.3384	1.53227
7800	-0.7112	0.9326	4.9491	1.1576	6.033	1.5413	11.4017	1.54089
7900	-0.6610	0.9907	4.9569	1.1591	6.092	1.5499	11.4629	1.54943
8000	-0.6120	1.0476	4.9646	1.1607	6.151	1.5584	11.5223	1.55789
8100	-0.5642	1.1032	4.9721	1.1623	6.211	1.5668	11.5784	1.56620
8200	-0.5175	1.1575	4.9795	1.1640	6.270	1.5751	11.6326	1.57443
8300	-0.4719	1.2106	4.9867	1.1657	6.329	1.5832	11.6842	1.58251
8400	-0.4274	1.2625	4.9937	1.1669	6.387	1.5913	11.7341	1.59052
8500	-0.3837	1.3135	5.0006	1.1685	6.445	1.5993	11.7821	1.59842
8600	-0.3412	1.3632	5.0074	1.1705	6.504	1.6071	11.8274	1.60618
8700	-0.2997	1.4118	5.0140	1.1721	6.562	1.6149	11.8704	1.61382
8800	-0.2591	1.4594	5.0205	1.1736	6.620	1.6225	11.9122	1.62136
8900	-0.2194	1.5061	5.0268	1.1752	6.677	1.6301	11.9524	1.62883
9000	-0.1806	1.5517	5.0331	1.1768	6.735	1.6376	11.9901	1.63615
9100	-0.1425	1.5965	5.0392	1.1785	6.792	1.6449	12.0268	1.64340
9200	-0.1054	1.6403	5.0452	1.1803	6.849	1.6522	12.0611	1.65051
9300	-0.0693	1.6830	5.0510	1.1820	6.906	1.6593	12.0935	1.65747
9400	-0.0338	1.7250	5.0568	1.1834	6.962	1.6664	12.1248	1.66437
9500	0.0011	1.7662	5.0625	1.1850	7.019	1.6733	12.1550	1.67118
9600	0.0351	1.8066	5.0680	1.1871	7.076	1.6802	12.1832	1.67787
9700	0.0683	1.8460	5.0735	1.1887	7.132	1.6869	12.2097	1.68442
9800	0.1008	1.8847	5.0788	1.1903	7.188	1.6936	12.2353	1.69091
9900	0.1327	1.9227	5.0841	1.1923	7.244	1.7002	12.2591	1.69725
10000	0.1638	1.9597	5.0892	1.1937	7.299	1.7066	12.2811	1.70345

S/R= 44.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10100	0.1943	1.9962	5.0943	1.1955	7.354	1.7130	12.3024	1.70960
10200	0.2241	2.0319	5.0993	1.1971	7.409	1.7193	12.3222	1.71563
10300	0.2535	2.0671	5.1042	1.1988	7.464	1.7255	12.3412	1.72159
10400	0.2822	2.1015	5.1090	1.2010	7.520	1.7316	12.3588	1.72743
10500	0.3102	2.1351	5.1137	1.2024	7.574	1.7376	12.3751	1.73315
10600	0.3378	2.1683	5.1184	1.2040	7.628	1.7435	12.3907	1.73881
10700	0.3647	2.2008	5.1230	1.2059	7.683	1.7493	12.4053	1.74435
10800	0.3911	2.2327	5.1275	1.2074	7.736	1.7551	12.4179	1.74976
10900	0.4171	2.2641	5.1319	1.2093	7.791	1.7607	12.4304	1.75514
11000	0.4425	2.2948	5.1363	1.2112	7.845	1.7663	12.4416	1.76039
11100	0.4674	2.3250	5.1406	1.2127	7.897	1.7718	12.4518	1.76554
11200	0.4919	2.3547	5.1448	1.2148	7.952	1.7773	12.4616	1.77064
11300	0.5157	2.3837	5.1489	1.2168	8.006	1.7825	12.4696	1.77556
11400	0.5392	2.4123	5.1530	1.2176	8.056	1.7878	12.4774	1.78045
11500	0.5624	2.4405	5.1571	1.2196	8.109	1.7930	12.4847	1.78529
11600	0.5849	2.4680	5.1610	1.2216	8.163	1.7981	12.4905	1.78998
11700	0.6072	2.4953	5.1650	1.2228	8.213	1.8031	12.4960	1.79461
11800	0.6290	2.5220	5.1688	1.2246	8.266	1.8081	12.5006	1.79917
11900	0.6506	2.5484	5.1725	1.2264	8.318	1.8130	12.5052	1.80368
12000	0.6715	2.5741	5.1764	1.2280	8.370	1.8178	12.5082	1.80803
12100	0.6923	2.5996	5.1801	1.2295	8.420	1.8225	12.5111	1.81236
12200	0.7126	2.6246	5.1837	1.2310	8.471	1.8272	12.5133	1.81660
12300	0.7327	2.6494	5.1874	1.2326	8.522	1.8319	12.5155	1.82080
12400	0.7523	2.6736	5.1909	1.2341	8.572	1.8364	12.5163	1.82486
12500	0.7717	2.6975	5.1944	1.2355	8.622	1.8409	12.5172	1.82891
12600	0.7908	2.7211	5.1979	1.2373	8.674	1.8453	12.5175	1.83288
12700	0.8095	2.7443	5.2013	1.2387	8.723	1.8497	12.5173	1.83677
12800	0.8279	2.7671	5.2047	1.2397	8.771	1.8540	12.5163	1.84058
12900	0.8462	2.7897	5.2080	1.2408	8.819	1.8582	12.5155	1.84436
13000	0.8641	2.8120	5.2114	1.2424	8.869	1.8624	12.5143	1.84809
13100	0.8817	2.8339	5.2146	1.2436	8.917	1.8666	12.5125	1.85173
13200	0.8991	2.8555	5.2178	1.2451	8.966	1.8706	12.5105	1.85531
13300	0.9162	2.8769	5.2210	1.2461	9.014	1.8746	12.5080	1.85884
13400	0.9332	2.8980	5.2242	1.2472	9.061	1.8786	12.5057	1.86234
13500	0.9498	2.9188	5.2273	1.2484	9.108	1.8825	12.5027	1.86574
13600	0.9664	2.9394	5.2304	1.2490	9.154	1.8864	12.4998	1.86914
13700	0.9826	2.9597	5.2335	1.2502	9.201	1.8903	12.4967	1.87248
13800	0.9987	2.9798	5.2366	1.2506	9.245	1.8940	12.4935	1.87577
13900	1.0147	2.9998	5.2396	1.2509	9.289	1.8978	12.4903	1.87905
14000	1.0303	3.0194	5.2426	1.2527	9.338	1.9014	12.4866	1.88221
14100	1.0458	3.0388	5.2455	1.2533	9.383	1.9051	12.4829	1.88541
14200	1.0612	3.0581	5.2485	1.2535	9.426	1.9087	12.4794	1.88855
14300	1.0764	3.0771	5.2514	1.2543	9.470	1.9123	12.4754	1.89163
14400	1.0914	3.0960	5.2543	1.2545	9.513	1.9158	12.4716	1.89469
14500	1.1063	3.1146	5.2572	1.2552	9.557	1.9192	12.4677	1.89771
14600	1.1210	3.1331	5.2600	1.2554	9.600	1.9227	12.4637	1.90068
14700	1.1356	3.1515	5.2628	1.2556	9.642	1.9261	12.4602	1.90367
14800	1.1501	3.1696	5.2656	1.2561	9.685	1.9294	12.4561	1.90658
14900	1.1644	3.1877	5.2684	1.2556	9.724	1.9328	12.4526	1.90952
15000	1.1787	3.2056	5.2712	1.2552	9.763	1.9361	12.4493	1.91242

S/R= 44.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1600	-6.9998	-6.2300	3.8066	1.1604	2.208	1.0042	4.0043	1.00425

S/R= 44.8

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1700	-6.8198	-6.0211	3.8578	1.1419	2.265	1.0102	4.2397	1.01016
1800	-6.5915	-5.7637	3.9170	1.1180	2.317	1.0201	4.5890	1.02012
1900	-6.3247	-5.4676	3.9803	1.1059	2.383	1.0339	5.0296	1.03393
2000	-6.0386	-5.1523	4.0427	1.1009	2.460	1.0506	5.5162	1.05060
2100	-5.7507	-4.8357	4.1009	1.1001	2.541	1.0690	6.0074	1.06896
2200	-5.4731	-4.5302	4.1537	1.1019	2.626	1.0880	6.4761	1.08804
2300	-5.2140	-4.2443	4.2006	1.1058	2.713	1.1070	6.9008	1.10701
2400	-4.9780	-3.9827	4.2418	1.1116	2.802	1.1252	7.2711	1.12521
2500	-4.7681	-3.7486	4.2776	1.1196	2.891	1.1421	7.5794	1.14211
2600	-4.5856	-3.5434	4.3082	1.1305	2.982	1.1572	7.8203	1.15722
2700	-4.4314	-3.3680	4.3340	1.1451	3.076	1.1701	7.9913	1.17010
2800	-4.3041	-3.2210	4.3555	1.1642	3.172	1.1805	8.0969	1.18054
2900	-4.2008	-3.0996	4.3732	1.1877	3.272	1.1886	8.1429	1.18858
3000	-4.1173	-2.9992	4.3878	1.2140	3.373	1.1945	8.1418	1.19445
3100	-4.0484	-2.9145	4.4003	1.2393	3.470	1.1986	8.1090	1.19864
3200	-3.9893	-2.8405	4.4113	1.2587	3.558	1.2016	8.0565	1.20164
3300	-3.9361	-2.7732	4.4214	1.2691	3.631	1.2039	7.9961	1.20388
3400	-3.8860	-2.7094	4.4311	1.2701	3.690	1.2057	7.9355	1.20572
3500	-3.8368	-2.6471	4.4405	1.2631	3.736	1.2074	7.8792	1.20741
3600	-3.7870	-2.5844	4.4502	1.2505	3.773	1.2091	7.8325	1.20913
3700	-3.7353	-2.5200	4.4601	1.2347	3.804	1.2111	7.7972	1.21106
3800	-3.6806	-2.4529	4.4706	1.2180	3.832	1.2133	7.7774	1.21332
3900	-3.6222	-2.3824	4.4816	1.2018	3.861	1.2160	7.7729	1.21603
4000	-3.5597	-2.3077	4.4933	1.1871	3.891	1.2193	7.7848	1.21926
4100	-3.4927	-2.2286	4.5057	1.1744	3.924	1.2231	7.8146	1.22308
4200	-3.4214	-2.1452	4.5187	1.1536	3.961	1.2275	7.8610	1.22752
4300	-3.3457	-2.0575	4.5324	1.1548	4.001	1.2326	7.9241	1.23259
4400	-3.2663	-1.9662	4.5466	1.1478	4.044	1.2383	8.0006	1.23829
4500	-3.1836	-1.8715	4.5612	1.1422	4.090	1.2446	8.0909	1.24458
4600	-3.0983	-1.7743	4.5761	1.1379	4.139	1.2514	8.1911	1.25142
4700	-3.0110	-1.6751	4.5912	1.1346	4.190	1.2588	8.3003	1.25876
4800	-2.9222	-1.5745	4.6064	1.1320	4.242	1.2666	8.4169	1.26655
4900	-2.8324	-1.4730	4.6216	1.1289	4.294	1.2747	8.5392	1.27474
5000	-2.7407	-1.3696	4.6370	1.1277	4.350	1.2832	8.6707	1.28317
5100	-2.6507	-1.2681	4.6520	1.1294	4.409	1.2920	8.7986	1.29197
5200	-2.5612	-1.1671	4.6668	1.1280	4.467	1.3010	8.9280	1.30102
5300	-2.4724	-1.0669	4.6813	1.1279	4.526	1.3103	9.0583	1.31030
5400	-2.3845	-0.9678	4.6956	1.1280	4.585	1.3197	9.1878	1.31974
5500	-2.2977	-0.8699	4.7096	1.1284	4.645	1.3293	9.3169	1.32934
5600	-2.2124	-0.7736	4.7233	1.1288	4.705	1.3390	9.4437	1.33902
5700	-2.1283	-0.6787	4.7367	1.1295	4.765	1.3488	9.5589	1.34879
5800	-2.0459	-0.5855	4.7498	1.1302	4.826	1.3587	9.6920	1.35864
5900	-1.9648	-0.4938	4.7627	1.1310	4.887	1.3686	9.8131	1.36856
6000	-1.8855	-0.4041	4.7751	1.1321	4.948	1.3785	9.9306	1.37847
6100	-1.8079	-0.3162	4.7873	1.1333	5.010	1.3884	10.0453	1.38838
6200	-1.7321	-0.2303	4.7992	1.1346	5.072	1.3983	10.1570	1.39830
6300	-1.6580	-0.1461	4.8107	1.1357	5.133	1.4082	10.2657	1.40820
6400	-1.5857	-0.0640	4.8220	1.1370	5.195	1.4180	10.3700	1.41800
6500	-1.5150	0.0164	4.8329	1.1383	5.256	1.4279	10.4721	1.42782
6600	-1.4459	0.0951	4.8437	1.1397	5.318	1.4377	10.5711	1.43759
6700	-1.3787	0.1718	4.8541	1.1410	5.379	1.4473	10.6662	1.44726
6800	-1.3128	0.2470	4.8643	1.1423	5.440	1.4570	10.7586	1.45690
6900	-1.2488	0.3202	4.8742	1.1438	5.501	1.4665	10.8476	1.46644
7000	-1.1859	0.3921	4.8839	1.1452	5.563	1.4761	10.9342	1.47595
7100	-1.1249	0.4621	4.8933	1.1469	5.624	1.4855	11.0173	1.48535

S/R= 44.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7200	-1.0653	0.5305	4.9026	1.1484	5.685	1.4948	11.0974	1.49466
7300	-1.0073	0.5972	4.9115	1.1497	5.745	1.5040	11.1742	1.50385
7400	-0.9504	0.6626	4.9203	1.1511	5.806	1.5132	11.2487	1.51299
7500	-0.8950	0.7264	4.9289	1.1527	5.866	1.5223	11.3199	1.52199
7600	-0.8409	0.7888	4.9373	1.1545	5.927	1.5312	11.3888	1.53092
7700	-0.7884	0.8495	4.9455	1.1562	5.988	1.5401	11.4546	1.53971
7800	-0.7369	0.9090	4.9535	1.1575	6.047	1.5488	11.5177	1.54841
7900	-0.6867	0.9672	4.9613	1.1590	6.107	1.5575	11.5787	1.55703
8000	-0.6375	1.0242	4.9690	1.1606	6.166	1.5660	11.6379	1.56556
8100	-0.5897	1.0798	4.9764	1.1623	6.226	1.5745	11.6939	1.57394
8200	-0.5429	1.1342	4.9838	1.1640	6.285	1.5828	11.7479	1.58223
8300	-0.4973	1.1873	4.9909	1.1656	6.345	1.5910	11.7991	1.59038
8400	-0.4528	1.2393	4.9980	1.1670	6.403	1.5992	11.8487	1.59844
8500	-0.4091	1.2903	5.0048	1.1685	6.461	1.6072	11.8964	1.60640
8600	-0.3665	1.3400	5.0115	1.1705	6.520	1.6151	11.9413	1.61422
8700	-0.3251	1.3886	5.0181	1.1722	6.579	1.6229	11.9838	1.62190
8800	-0.2845	1.4361	5.0246	1.1737	6.636	1.6306	12.0251	1.62950
8900	-0.2448	1.4828	5.0309	1.1753	6.694	1.6382	12.0648	1.63700
9000	-0.2060	1.5284	5.0371	1.1770	6.752	1.6457	12.1021	1.64437
9100	-0.1680	1.5732	5.0432	1.1786	6.809	1.6531	12.1382	1.65166
9200	-0.1310	1.6169	5.0492	1.1804	6.867	1.6604	12.1720	1.65880
9300	-0.0948	1.6596	5.0550	1.1822	6.924	1.6675	12.2038	1.66580
9400	-0.0594	1.7015	5.0607	1.1836	6.980	1.6746	12.2345	1.67272
9500	-0.0246	1.7427	5.0664	1.1852	7.036	1.6816	12.2640	1.67956
9600	0.0093	1.7830	5.0719	1.1873	7.094	1.6885	12.2916	1.68627
9700	0.0424	1.8223	5.0773	1.1889	7.150	1.6952	12.3175	1.69284
9800	0.0750	1.8610	5.0826	1.1906	7.206	1.7019	12.3423	1.69935
9900	0.1067	1.8988	5.0878	1.1925	7.263	1.7085	12.3654	1.70571
10000	0.1377	1.9358	5.0930	1.1940	7.317	1.7149	12.3867	1.71193
10100	0.1682	1.9722	5.0980	1.1958	7.373	1.7213	12.4073	1.71809
10200	0.1979	2.0078	5.1029	1.1975	7.428	1.7275	12.4264	1.72413
10300	0.2271	2.0428	5.1078	1.1990	7.483	1.7337	12.4447	1.73010
10400	0.2557	2.0771	5.1126	1.2012	7.539	1.7398	12.4615	1.73594
10500	0.2836	2.1107	5.1173	1.2027	7.593	1.7458	12.4769	1.74166
10600	0.3111	2.1437	5.1219	1.2045	7.647	1.7517	12.4915	1.74732
10700	0.3380	2.1761	5.1265	1.2063	7.702	1.7576	12.5051	1.75286
10800	0.3642	2.2078	5.1309	1.2078	7.755	1.7632	12.5173	1.75827
10900	0.3901	2.2391	5.1353	1.2097	7.810	1.7689	12.5290	1.76365
11000	0.4154	2.2697	5.1397	1.2116	7.864	1.7745	12.5394	1.76889
11100	0.4402	2.2997	5.1439	1.2131	7.917	1.7799	12.5487	1.77403
11200	0.4645	2.3293	5.1481	1.2152	7.971	1.7853	12.5578	1.77913
11300	0.4883	2.3582	5.1522	1.2173	8.025	1.7906	12.5648	1.78404
11400	0.5116	2.3866	5.1563	1.2181	8.075	1.7958	12.5717	1.78891
11500	0.5347	2.4148	5.1603	1.2200	8.129	1.8010	12.5782	1.79375
11600	0.5571	2.4422	5.1642	1.2221	8.182	1.8060	12.5831	1.79841
11700	0.5793	2.4692	5.1681	1.2233	8.233	1.8110	12.5877	1.80303
11800	0.6010	2.4958	5.1720	1.2250	8.285	1.8159	12.5915	1.80757
11900	0.6224	2.5221	5.1758	1.2268	8.337	1.8208	12.5953	1.81207
12000	0.6433	2.5477	5.1795	1.2284	8.389	1.8255	12.5973	1.81640
12100	0.6639	2.5730	5.1831	1.2300	8.440	1.8302	12.5993	1.82071
12200	0.6841	2.5979	5.1868	1.2314	8.490	1.8348	12.6008	1.82493
12300	0.7041	2.6225	5.1903	1.2330	8.541	1.8394	12.6020	1.82911
12400	0.7236	2.6466	5.1939	1.2346	8.591	1.8439	12.6020	1.83315
12500	0.7429	2.6704	5.1974	1.2359	8.641	1.8483	12.6020	1.83718
12600	0.7618	2.6939	5.2008	1.2376	8.692	1.8527	12.6015	1.84113

S/R= 44.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12700	0.7814	2.7169	5.2042	1.2390	8.741	1.8570	12.6005	1.84499
12800	0.7988	2.7396	5.2075	1.2400	8.789	1.8612	12.5987	1.84878
12900	0.8169	2.7621	5.2109	1.2411	8.837	1.8654	12.5971	1.85255
13000	0.8347	2.7842	5.2142	1.2427	8.887	1.8695	12.5952	1.85625
13100	0.8523	2.8060	5.2174	1.2439	8.935	1.8736	12.5927	1.85987
13200	0.8695	2.8276	5.2206	1.2453	8.984	1.8775	12.5897	1.86342
13300	0.8865	2.8487	5.2238	1.2462	9.030	1.8815	12.5865	1.86693
13400	0.9034	2.8698	5.2269	1.2474	9.078	1.8854	12.5834	1.87040
13500	0.9199	2.8904	5.2300	1.2486	9.125	1.8892	12.5794	1.87379
13600	0.9364	2.9109	5.2331	1.2492	9.171	1.8930	12.5760	1.87716
13700	0.9526	2.9311	5.2361	1.2503	9.217	1.8968	12.5721	1.88048
13800	0.9685	2.9511	5.2391	1.2506	9.261	1.9005	12.5680	1.88375
13900	0.9844	2.9710	5.2422	1.2509	9.305	1.9042	12.5643	1.88702
14000	1.0000	2.9905	5.2451	1.2526	9.353	1.9078	12.5600	1.89017
14100	1.0154	3.0098	5.2481	1.2533	9.398	1.9113	12.5555	1.89335
14200	1.0307	3.0290	5.2510	1.2534	9.441	1.9149	12.5513	1.89648
14300	1.0458	3.0480	5.2539	1.2541	9.485	1.9183	12.5468	1.89954
14400	1.0608	3.0667	5.2567	1.2544	9.528	1.9218	12.5422	1.90258
14500	1.0756	3.0852	5.2595	1.2550	9.571	1.9251	12.5376	1.90558
14600	1.0902	3.1036	5.2624	1.2553	9.614	1.9285	12.5330	1.90854
14700	1.1048	3.1219	5.2652	1.2553	9.655	1.9318	12.5289	1.91152
14800	1.1192	3.1400	5.2680	1.2557	9.698	1.9351	12.5241	1.91441
14900	1.1335	3.1579	5.2708	1.2554	9.737	1.9383	12.5200	1.91734
15000	1.1477	3.1758	5.2736	1.2549	9.776	1.9415	12.5159	1.92023

S/R= 45.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1700	-6.8927	-6.0936	3.8610	1.1239	2.248	1.0110	4.2708	1.01103
1800	-6.6560	-5.8276	3.9217	1.1152	2.316	1.0216	4.6389	1.02159
1900	-6.3815	-5.5235	3.9860	1.1041	2.384	1.0360	5.0964	1.03601
2000	-6.0894	-5.2020	4.0489	1.0998	2.461	1.0532	5.5957	1.05320
2100	-5.7974	-4.8812	4.1072	1.0994	2.544	1.0720	6.0951	1.07197
2200	-5.5175	-4.5732	4.1599	1.1016	2.630	1.0914	6.5680	1.09135
2300	-5.2574	-4.2863	4.2064	1.1058	2.718	1.1105	6.9934	1.11051
2400	-5.0217	-4.0251	4.2472	1.1120	2.807	1.1288	7.3611	1.12877
2500	-4.8133	-3.7925	4.2824	1.1205	2.897	1.1456	7.5638	1.14560
2600	-4.6334	-3.5899	4.3124	1.1321	2.989	1.1605	7.8961	1.16050
2700	-4.4826	-3.4181	4.3375	1.1478	3.083	1.1730	8.0561	1.17302
2800	-4.3592	-3.2752	4.3583	1.1683	3.181	1.1830	8.1493	1.18303
2900	-4.2599	-3.1579	4.3753	1.1933	3.282	1.1906	8.1832	1.19058
3000	-4.1797	-3.0610	4.3894	1.2205	3.384	1.1960	8.1718	1.19601
3100	-4.1133	-2.9790	4.4015	1.2456	3.481	1.1998	8.1310	1.19983
3200	-4.0559	-2.9068	4.4122	1.2634	3.566	1.2026	8.0732	1.20257
3300	-4.0036	-2.8404	4.4221	1.2717	3.636	1.2046	8.0096	1.20464
3400	-3.9539	-2.7771	4.4317	1.2703	3.691	1.2064	7.9477	1.20637
3500	-3.9046	-2.7146	4.4412	1.2613	3.734	1.2080	7.8913	1.20802
3600	-3.8542	-2.6514	4.4509	1.2472	3.769	1.2097	7.8459	1.20975
3700	-3.8016	-2.5861	4.4610	1.2305	3.798	1.2117	7.8129	1.21173
3800	-3.7456	-2.5177	4.4717	1.2133	3.826	1.2141	7.7964	1.21410
3900	-3.6856	-2.4455	4.4829	1.1971	3.855	1.2169	7.7961	1.21695
4000	-3.6213	-2.3589	4.4949	1.1826	3.885	1.2204	7.8130	1.22035
4100	-3.5522	-2.2877	4.5076	1.1702	3.919	1.2244	7.8483	1.22437
4200	-3.4786	-2.2020	4.5209	1.1598	3.957	1.2290	7.9006	1.22904
4300	-3.4007	-2.1119	4.5349	1.1514	3.998	1.2344	7.9598	1.23437



S/R= 45.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4400	-3.3190	-2.0182	4.5494	1.1448	4.042	1.2403	8.0523	1.24033
4500	-3.2340	-1.9211	4.5643	1.1396	4.089	1.2469	8.1485	1.24689
4600	-3.1466	-1.8217	4.5794	1.1356	4.139	1.2540	8.2545	1.25399
4700	-3.0572	-1.7203	4.5948	1.1325	4.191	1.2616	8.3689	1.26159
4800	-2.9665	-1.6177	4.6102	1.1302	4.244	1.2696	8.4906	1.26965
4900	-2.8750	-1.5143	4.6256	1.1273	4.297	1.2781	8.6177	1.27809
5000	-2.7816	-1.4093	4.6411	1.1264	4.353	1.2868	8.7532	1.28676
5100	-2.6901	-1.3062	4.6562	1.1271	4.413	1.2958	8.8850	1.29579
5200	-2.5993	-1.2038	4.6711	1.1268	4.472	1.3051	9.0180	1.30507
5300	-2.5092	-1.1023	4.6858	1.1268	4.531	1.3146	9.1514	1.31456
5400	-2.4202	-1.0020	4.7001	1.1270	4.591	1.3242	9.2838	1.32421
5500	-2.3323	-0.9030	4.7142	1.1275	4.651	1.3340	9.4155	1.33400
5600	-2.2461	-0.8057	4.7279	1.1280	4.712	1.3439	9.5446	1.34387
5700	-2.1611	-0.7099	4.7414	1.1287	4.773	1.3538	9.6719	1.35382
5800	-2.0779	-0.6159	4.7545	1.1295	4.834	1.3639	9.7968	1.36385
5900	-1.9961	-0.5234	4.7673	1.1304	4.895	1.3740	9.9196	1.37394
6000	-1.9162	-0.4331	4.7798	1.1316	4.957	1.3840	10.0385	1.38400
6100	-1.8380	-0.3445	4.7920	1.1328	5.019	1.3941	10.1546	1.39407
6200	-1.7617	-0.2580	4.8039	1.1341	5.081	1.4042	10.2676	1.40413
6300	-1.6871	-0.1734	4.8154	1.1353	5.143	1.4142	10.3771	1.41417
6400	-1.6144	-0.0908	4.8266	1.1366	5.205	1.4242	10.4825	1.42411
6500	-1.5432	-0.0099	4.8376	1.1379	5.267	1.4341	10.5854	1.43406
6600	-1.4738	0.0692	4.8483	1.1394	5.329	1.4440	10.6850	1.44396
6700	-1.4062	0.1462	4.8587	1.1407	5.390	1.4538	10.7808	1.45375
6800	-1.3400	0.2217	4.8689	1.1420	5.452	1.4636	10.8737	1.46350
6900	-1.2757	0.2953	4.8788	1.1435	5.513	1.4733	10.9630	1.47316
7000	-1.2127	0.3674	4.8885	1.1450	5.575	1.4829	11.0501	1.48277
7100	-1.1514	0.4376	4.8979	1.1466	5.637	1.4924	11.1334	1.49228
7200	-1.0916	0.5062	4.9071	1.1482	5.698	1.5019	11.2137	1.50169
7300	-1.0334	0.5731	4.9160	1.1495	5.759	1.5112	11.2906	1.51097
7400	-0.9763	0.6387	4.9248	1.1510	5.819	1.5204	11.3652	1.52020
7500	-0.9208	0.7026	4.9334	1.1526	5.880	1.5295	11.4364	1.52929
7600	-0.8667	0.7651	4.9417	1.1543	5.941	1.5386	11.5053	1.53831
7700	-0.8140	0.8260	4.9499	1.1561	6.002	1.5475	11.5710	1.54718
7800	-0.7624	0.8856	4.9578	1.1574	6.061	1.5563	11.6341	1.55595
7900	-0.7121	0.9439	4.9656	1.1589	6.121	1.5650	11.6949	1.56464
8000	-0.6629	1.0009	4.9733	1.1606	6.181	1.5737	11.7538	1.57324
8100	-0.6150	1.0566	4.9807	1.1622	6.241	1.5822	11.8096	1.58169
8200	-0.5682	1.1110	4.9880	1.1639	6.301	1.5906	11.8633	1.59004
8300	-0.5226	1.1641	4.9951	1.1657	6.360	1.5989	11.9141	1.59824
8400	-0.4780	1.2162	5.0021	1.1670	6.418	1.6071	11.9633	1.60637
8500	-0.4343	1.2671	5.0090	1.1685	6.477	1.6152	12.0106	1.61438
8600	-0.3918	1.3169	5.0157	1.1706	6.537	1.6231	12.0552	1.62224
8700	-0.3504	1.3654	5.0222	1.1723	6.595	1.6309	12.0973	1.62997
8800	-0.3098	1.4130	5.0286	1.1737	6.653	1.6387	12.1379	1.63761
8900	-0.2701	1.4597	5.0349	1.1754	6.711	1.6463	12.1772	1.64517
9000	-0.2314	1.5052	5.0411	1.1771	6.769	1.6538	12.2139	1.65257
9100	-0.1934	1.5499	5.0472	1.1788	6.826	1.6613	12.2495	1.65988
9200	-0.1564	1.5936	5.0531	1.1806	6.884	1.6686	12.2827	1.66706
9300	-0.1203	1.6362	5.0589	1.1824	6.941	1.6757	12.3138	1.67409
9400	-0.0850	1.5781	5.0645	1.1838	6.998	1.6828	12.3437	1.68104
9500	-0.0502	1.7192	5.0702	1.1855	7.054	1.6898	12.3728	1.68790
9600	-0.0164	1.7594	5.0757	1.1875	7.112	1.6967	12.3997	1.69463
9700	0.0166	1.7986	5.0811	1.1892	7.168	1.7035	12.4248	1.70122
9800	0.0491	1.9372	5.0864	1.1908	7.224	1.7102	12.4489	1.70774

S/R= 45.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9900	0.0807	1.8749	5.0915	1.1928	7.281	1.7167	12.4712	1.71412
10000	0.1116	1.9118	5.0968	1.1944	7.336	1.7231	12.4917	1.72036
10100	0.1420	1.9481	5.1016	1.1962	7.392	1.7295	12.5116	1.72653
10200	0.1716	1.9836	5.1065	1.1979	7.447	1.7358	12.5299	1.73257
10300	0.2008	2.0185	5.1114	1.1994	7.502	1.7420	12.5474	1.73854
10400	0.2293	2.0527	5.1161	1.2016	7.558	1.7480	12.5634	1.74438
10500	0.2570	2.0861	5.1208	1.2031	7.612	1.7540	12.5780	1.75010
10600	0.2844	2.1191	5.1254	1.2048	7.666	1.7599	12.5919	1.75576
10700	0.3112	2.1513	5.1299	1.2067	7.721	1.7657	12.6044	1.76130
10800	0.3373	2.1829	5.1343	1.2083	7.775	1.7714	12.6158	1.76671
10900	0.3631	2.2140	5.1387	1.2102	7.829	1.7770	12.6266	1.77207
11000	0.3882	2.2445	5.1430	1.2120	7.883	1.7825	12.6362	1.77731
11100	0.4129	2.2744	5.1472	1.2135	7.936	1.7879	12.6446	1.78243
11200	0.4371	2.3039	5.1514	1.2156	7.991	1.7933	12.6528	1.78751
11300	0.4607	2.3326	5.1555	1.2178	8.045	1.7985	12.6590	1.79241
11400	0.4840	2.3609	5.1595	1.2186	8.095	1.8037	12.6651	1.79727
11500	0.5069	2.3889	5.1635	1.2205	8.148	1.8088	12.6706	1.80209
11600	0.5292	2.4161	5.1674	1.2226	8.202	1.8138	12.6746	1.80674
11700	0.5513	2.4431	5.1712	1.2238	8.252	1.8187	12.6783	1.81134
11800	0.5728	2.4695	5.1750	1.2255	8.304	1.8236	12.6813	1.81586
11900	0.5941	2.4956	5.1788	1.2272	8.356	1.8284	12.6841	1.82033
12000	0.6149	2.5211	5.1825	1.2289	8.408	1.8331	12.6854	1.82465
12100	0.6354	2.5463	5.1861	1.2304	8.459	1.8377	12.6866	1.82893
12200	0.6555	2.5710	5.1897	1.2318	8.509	1.8423	12.6870	1.83312
12300	0.6753	2.5955	5.1933	1.2334	8.560	1.8468	12.6874	1.83729
12400	0.6947	2.6194	5.1968	1.2350	8.610	1.8512	12.6865	1.84130
12500	0.7139	2.6431	5.2002	1.2364	8.660	1.8556	12.6856	1.84530
12600	0.7327	2.6664	5.2036	1.2381	8.710	1.8599	12.6843	1.84922
12700	0.7512	2.6893	5.2070	1.2394	8.759	1.8641	12.6823	1.85306
12800	0.7694	2.7119	5.2103	1.2404	8.807	1.8682	12.6798	1.85682
12900	0.7874	2.7343	5.2136	1.2414	8.855	1.8724	12.6774	1.86057
13000	0.8052	2.7563	5.2169	1.2430	8.904	1.8765	12.6747	1.86425
13100	0.8226	2.7780	5.2201	1.2442	8.953	1.8804	12.6714	1.86785
13200	0.8398	2.7994	5.2233	1.2456	9.001	1.8844	12.6676	1.87137
13300	0.8567	2.8204	5.2264	1.2465	9.048	1.8882	12.6637	1.87486
13400	0.8735	2.8414	5.2295	1.2476	9.095	1.8921	12.6598	1.87830
13500	0.8899	2.8619	5.2326	1.2487	9.142	1.8958	12.6551	1.88166
13600	0.9062	2.8822	5.2357	1.2493	9.187	1.8995	12.6507	1.88501
13700	0.9223	2.9024	5.2387	1.2504	9.234	1.9032	12.6461	1.88831
13800	0.9382	2.9222	5.2417	1.2508	9.277	1.9068	12.6413	1.89155
13900	0.9540	2.9420	5.2447	1.2510	9.320	1.9104	12.6368	1.89480
14000	0.9695	2.9614	5.2476	1.2526	9.369	1.9139	12.6319	1.89793
14100	0.9849	2.9806	5.2505	1.2531	9.413	1.9174	12.6270	1.90110
14200	1.0001	2.9997	5.2534	1.2533	9.455	1.9209	12.6220	1.90422
14300	1.0151	3.0186	5.2563	1.2541	9.500	1.9243	12.6168	1.90726
14400	1.0300	3.0372	5.2591	1.2542	9.542	1.9276	12.6117	1.91028
14500	1.0447	3.0557	5.2620	1.2549	9.585	1.9310	12.6064	1.91327
14600	1.0593	3.0740	5.2648	1.2551	9.627	1.9342	12.6011	1.91621
14700	1.0738	3.0922	5.2676	1.2553	9.669	1.9375	12.5962	1.91917
14800	1.0881	3.1101	5.2703	1.2555	9.711	1.9406	12.5912	1.92206
14900	1.1023	3.1280	5.2731	1.2550	9.749	1.9438	12.5864	1.92497
15000	1.1165	3.1458	5.2758	1.2546	9.788	1.9470	12.5816	1.92784

S/R= 45.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1700	-6.9647	-6.1652	3.8643	1.1206	2.245	1.0120	4.3041	1.01196
1800	-6.7194	-5.8903	3.9266	1.1126	2.315	1.0231	4.6912	1.02312
1900	-6.4372	-5.5783	3.9919	1.1025	2.385	1.0382	5.1655	1.03815
2000	-6.1394	-5.2509	4.0552	1.0988	2.463	1.0559	5.6771	1.05586
2100	-5.8436	-4.9261	4.1135	1.0988	2.547	1.0750	6.1842	1.07503
2200	-5.5614	-4.6159	4.1659	1.1012	2.634	1.0947	6.6608	1.09470
2300	-5.3006	-4.3282	4.2121	1.1058	2.722	1.1140	7.0863	1.11401
2400	-5.0655	-4.0675	4.2524	1.1124	2.812	1.1323	7.4507	1.13232
2500	-4.8588	-3.8367	4.2871	1.1215	2.903	1.1490	7.7469	1.14904
2600	-4.6817	-3.6371	4.3164	1.1340	2.995	1.1637	7.9700	1.16369
2700	-4.5346	-3.4690	4.3408	1.1509	3.091	1.1758	8.1183	1.17584
2800	-4.4152	-3.3304	4.3609	1.1728	3.191	1.1854	8.1989	1.18538
2900	-4.3198	-3.2171	4.3773	1.1993	3.293	1.1924	8.2206	1.19244
3000	-4.2428	-3.1236	4.3909	1.2273	3.395	1.1974	8.1992	1.19744
3100	-4.1788	-3.0441	4.4026	1.2517	3.491	1.2009	8.1510	1.20092
3200	-4.1229	-2.9735	4.4130	1.2677	3.573	1.2034	8.0884	1.20342
3300	-4.0714	-2.9080	4.4228	1.2736	3.640	1.2053	8.0222	1.20533
3400	-4.0219	-2.8449	4.4324	1.2699	3.692	1.2070	7.9593	1.20698
3500	-3.9724	-2.7822	4.4419	1.2589	3.732	1.2086	7.9033	1.20860
3600	-3.9214	-2.7183	4.4517	1.2435	3.764	1.2104	7.8595	1.21036
3700	-3.8677	-2.6520	4.4619	1.2260	3.792	1.2124	7.8291	1.21241
3800	-3.8103	-2.5821	4.4728	1.2085	3.820	1.2149	7.8163	1.21488
3900	-3.7486	-2.5081	4.4843	1.1924	3.848	1.2179	7.8205	1.21789
4000	-3.6823	-2.4295	4.4965	1.1781	3.880	1.2215	7.8426	1.22148
4100	-3.6111	-2.3461	4.5095	1.1661	3.915	1.2257	7.8836	1.22572
4200	-3.5352	-2.2580	4.5232	1.1561	3.953	1.2306	7.9419	1.23063
4300	-3.4549	-2.1655	4.5375	1.1482	3.995	1.2362	8.0174	1.23621
4400	-3.3709	-2.0693	4.5523	1.1420	4.040	1.2424	8.1060	1.24243
4500	-3.2837	-1.9699	4.5675	1.1370	4.088	1.2493	8.2084	1.24926
4600	-3.1941	-1.8682	4.5829	1.1334	4.139	1.2566	8.3199	1.25664
4700	-3.1026	-1.7648	4.5984	1.1306	4.192	1.2645	8.4399	1.26451
4800	-3.0100	-1.6601	4.6140	1.1285	4.246	1.2728	8.5665	1.27282
4900	-2.9167	-1.5550	4.6296	1.1259	4.300	1.2815	8.6980	1.28151
5000	-2.8218	-1.4482	4.6453	1.1250	4.357	1.2904	8.8377	1.29042
5100	-2.7288	-1.3436	4.6605	1.1259	4.418	1.2997	8.9733	1.29969
5200	-2.6366	-1.2398	4.6755	1.1257	4.477	1.3092	9.1096	1.30919
5300	-2.5453	-1.1370	4.6902	1.1258	4.536	1.3189	9.2461	1.31889
5400	-2.4552	-1.0355	4.7047	1.1261	4.597	1.3287	9.3813	1.32874
5500	-2.3664	-0.9355	4.7188	1.1267	4.658	1.3387	9.5156	1.33873
5600	-2.2792	-0.8372	4.7326	1.1273	4.719	1.3488	9.6468	1.34878
5700	-2.1934	-0.7405	4.7460	1.1281	4.780	1.3589	9.7761	1.35891
5800	-2.1094	-0.6457	4.7592	1.1289	4.842	1.3691	9.9029	1.36911
5900	-2.0269	-0.5525	4.7720	1.1298	4.904	1.3794	10.0273	1.37936
6000	-1.9464	-0.4615	4.7845	1.1310	4.966	1.3896	10.1476	1.38959
6100	-1.8677	-0.3724	4.7967	1.1323	5.028	1.3998	10.2649	1.39981
6200	-1.7908	-0.2853	4.8086	1.1336	5.091	1.4100	10.3791	1.41001
6300	-1.7157	-0.2002	4.8201	1.1348	5.153	1.4202	10.4896	1.42019
6400	-1.6426	-0.1171	4.8313	1.1362	5.215	1.4303	10.5957	1.43026
6500	-1.5711	-0.0358	4.8423	1.1375	5.277	1.4404	10.6995	1.44034
6600	-1.5013	0.0436	4.8530	1.1390	5.340	1.4504	10.7997	1.45036
6700	-1.4334	0.1209	4.8633	1.1403	5.401	1.4603	10.8960	1.46027
6800	-1.3670	0.1968	4.8735	1.1417	5.463	1.4702	10.9895	1.47014
6900	-1.3024	0.2706	4.8834	1.1433	5.525	1.4800	11.0791	1.47990
7000	-1.2391	0.3430	4.8930	1.1447	5.587	1.4897	11.1665	1.48962
7100	-1.1776	0.4134	4.9024	1.1464	5.649	1.4994	11.2501	1.49923

S/R= 45.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7200	-1.1176	0.4822	4.9115	1.1480	5.711	1.5089	11.3305	1.50874
7300	-1.0593	0.5492	4.9205	1.1494	5.772	1.5183	11.4074	1.51811
7400	-1.0021	0.6150	4.9293	1.1508	5.833	1.5276	11.4822	1.52743
7500	-0.9465	0.6791	4.9378	1.1525	5.894	1.5368	11.5534	1.53661
7600	-0.8922	0.7417	4.9461	1.1542	5.955	1.5460	11.6222	1.54570
7700	-0.8394	0.8027	4.9542	1.1560	6.016	1.5550	11.6877	1.55465
7800	-0.7878	0.8624	4.9622	1.1574	6.076	1.5638	11.7506	1.56350
7900	-0.7374	0.9207	4.9699	1.1589	6.136	1.5726	11.8112	1.57226
8000	-0.6881	0.9778	4.9775	1.1605	6.196	1.5814	11.8698	1.58093
8100	-0.6402	1.0335	4.9850	1.1622	6.256	1.5899	11.9253	1.58944
8200	-0.5934	1.0880	4.9922	1.1639	6.316	1.5984	11.9789	1.59785
8300	-0.5477	1.1411	4.9993	1.1657	6.376	1.6067	12.0293	1.60611
8400	-0.5031	1.1932	5.0063	1.1670	6.434	1.6150	12.0779	1.61429
8500	-0.4595	1.2441	5.0131	1.1686	6.493	1.6231	12.1248	1.62235
8600	-0.4169	1.2939	5.0198	1.1706	6.553	1.6311	12.1690	1.63026
8700	-0.3755	1.3424	5.0263	1.1724	6.612	1.6389	12.2105	1.63803
8800	-0.3350	1.3899	5.0326	1.1738	6.669	1.6467	12.2507	1.64572
8900	-0.2953	1.4365	5.0389	1.1755	6.728	1.6544	12.2893	1.65331
9000	-0.2566	1.4821	5.0450	1.1773	6.786	1.6619	12.3255	1.66074
9100	-0.2187	1.5267	5.0511	1.1790	6.844	1.6694	12.3604	1.66809
9200	-0.1818	1.5703	5.0570	1.1808	6.902	1.6767	12.3931	1.67530
9300	-0.1458	1.6129	5.0627	1.1826	6.959	1.6839	12.4235	1.68235
9400	-0.1105	1.6546	5.0684	1.1840	7.015	1.6910	12.4528	1.68933
9500	-0.0759	1.6957	5.0740	1.1857	7.072	1.6980	12.4810	1.69621
9600	-0.0421	1.7358	5.0794	1.1878	7.130	1.7049	12.5073	1.70296
9700	-0.0091	1.7749	5.0848	1.1894	7.186	1.7117	12.5317	1.70956
9800	0.0232	1.8134	5.0900	1.1912	7.243	1.7184	12.5550	1.71609
9900	0.0548	1.8510	5.0952	1.1932	7.299	1.7249	12.5765	1.72248
10000	0.0856	1.8878	5.1002	1.1947	7.355	1.7314	12.5962	1.72872
10100	0.1158	1.9240	5.1052	1.1965	7.411	1.7377	12.6153	1.73490
10200	0.1454	1.9592	5.1101	1.1982	7.466	1.7440	12.6328	1.74094
10300	0.1744	1.9941	5.1149	1.1998	7.521	1.7501	12.6495	1.74692
10400	0.2027	2.0282	5.1195	1.2020	7.577	1.7562	12.6645	1.75276
10500	0.2304	2.0615	5.1243	1.2036	7.631	1.7621	12.6784	1.75847
10600	0.2577	2.0943	5.1288	1.2052	7.685	1.7680	12.6915	1.76413
10700	0.2843	2.1264	5.1333	1.2072	7.740	1.7738	12.7032	1.76966
10800	0.3103	2.1579	5.1377	1.2087	7.794	1.7794	12.7135	1.77505
10900	0.3359	2.1889	5.1420	1.2107	7.848	1.7850	12.7234	1.78040
11000	0.3610	2.2192	5.1463	1.2125	7.903	1.7905	12.7322	1.78562
11100	0.3855	2.2490	5.1505	1.2141	7.955	1.7959	12.7397	1.79074
11200	0.4096	2.2783	5.1546	1.2162	8.010	1.8012	12.7469	1.79580
11300	0.4331	2.3068	5.1587	1.2183	8.064	1.8064	12.7522	1.80068
11400	0.4562	2.3350	5.1627	1.2192	8.114	1.8115	12.7573	1.80552
11500	0.4790	2.3628	5.1665	1.2210	8.167	1.8166	12.7619	1.81032
11600	0.5012	2.3899	5.1705	1.2230	8.221	1.8215	12.7648	1.81495
11700	0.5231	2.4167	5.1743	1.2244	8.272	1.8264	12.7677	1.81952
11800	0.5445	2.4430	5.1781	1.2261	8.323	1.8312	12.7698	1.82401
11900	0.5657	2.4690	5.1818	1.2278	8.375	1.8360	12.7717	1.82847
12000	0.5863	2.4943	5.1854	1.2294	8.427	1.8406	12.7722	1.83276
12100	0.6067	2.5194	5.1891	1.2310	8.478	1.8452	12.7724	1.83702
12200	0.6267	2.5440	5.1926	1.2323	8.527	1.8497	12.7721	1.84118
12300	0.6464	2.5683	5.1961	1.2338	8.578	1.8541	12.7715	1.84532
12400	0.6657	2.5921	5.1996	1.2356	8.629	1.8585	12.7697	1.84930
12500	0.6847	2.6156	5.2030	1.2369	8.678	1.8628	12.7680	1.85327
12600	0.7034	2.6388	5.2064	1.2384	8.728	1.8670	12.7657	1.85716

S/R= 45.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12700	0.7218	2.6615	5.2098	1.2399	8.778	1.8712	12.7629	1.86097
12800	0.7399	2.6840	5.2130	1.2409	8.825	1.8752	12.7595	1.86471
12900	0.7578	2.7062	5.2163	1.2419	8.873	1.8793	12.7563	1.86842
13000	0.7754	2.7281	5.2195	1.2433	8.922	1.8833	12.7527	1.87208
13100	0.7928	2.7497	5.2227	1.2445	8.970	1.8872	12.7487	1.87566
13200	0.8098	2.7710	5.2259	1.2459	9.018	1.8911	12.7442	1.87916
13300	0.8266	2.7919	5.2293	1.2467	9.064	1.8948	12.7394	1.88261
13400	0.8433	2.8127	5.2321	1.2479	9.111	1.8986	12.7348	1.88603
13500	0.8596	2.8331	5.2351	1.2491	9.159	1.9023	12.7293	1.88937
13600	0.8759	2.8534	5.2382	1.2495	9.203	1.9059	12.7242	1.89268
13700	0.8919	2.8734	5.2412	1.2504	9.249	1.9095	12.7188	1.89596
13800	0.9076	2.8931	5.2441	1.2509	9.293	1.9130	12.7133	1.89917
13900	0.9233	2.9127	5.2471	1.2512	9.336	1.9166	12.7081	1.90239
14000	0.9388	2.9321	5.2500	1.2528	9.384	1.9200	12.7024	1.90550
14100	0.9541	2.9512	5.2529	1.2532	9.428	1.9234	12.6967	1.90865
14200	0.9692	2.9702	5.2558	1.2532	9.469	1.9268	12.6912	1.91175
14300	0.9842	2.9890	5.2586	1.2539	9.513	1.9302	12.6855	1.91478
14400	0.9990	3.0076	5.2615	1.2541	9.555	1.9334	12.6799	1.91780
14500	1.0137	3.0259	5.2643	1.2547	9.599	1.9367	12.6740	1.92077
14600	1.0282	3.0441	5.2671	1.2550	9.641	1.9398	12.6680	1.92369
14700	1.0426	3.0623	5.2698	1.2550	9.682	1.9430	12.6625	1.92664
14800	1.0568	3.0801	5.2725	1.2553	9.723	1.9461	12.6567	1.92951
14900	1.0710	3.0979	5.2753	1.2549	9.762	1.9492	12.6514	1.93240
15000	1.0851	3.1156	5.2781	1.2544	9.801	1.9523	12.6462	1.93526

S/R= 45.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1800	-6.7817	-5.9519	3.9315	1.1037	2.307	1.0247	4.7459	1.02474
1900	-6.4919	-5.6321	3.9978	1.1009	2.386	1.0404	5.2368	1.04037
2000	-6.1885	-5.2989	4.0615	1.0978	2.465	1.0586	5.7603	1.05858
2100	-5.8891	-4.9703	4.1198	1.0982	2.550	1.0781	6.2745	1.07814
2200	-5.6050	-4.6581	4.1720	1.1010	2.637	1.0981	6.7542	1.09807
2300	-5.3437	-4.3598	4.2178	1.1059	2.726	1.1175	7.1791	1.11752
2400	-5.1093	-4.1099	4.2576	1.1129	2.817	1.1358	7.5398	1.13584
2500	-4.9046	-3.8812	4.2916	1.1226	2.908	1.1524	7.8289	1.15243
2600	-4.7307	-3.6848	4.3203	1.1360	3.002	1.1668	8.0418	1.16680
2700	-4.5874	-3.5208	4.3440	1.1542	3.099	1.1785	8.1779	1.17854
2800	-4.4722	-3.3866	4.3634	1.1778	3.200	1.1876	8.2453	1.18759
2900	-4.3807	-3.2774	4.3791	1.2056	3.304	1.1942	8.2552	1.19416
3000	-4.3068	-3.1871	4.3922	1.2340	3.407	1.1987	8.2241	1.19874
3100	-4.2449	-3.1098	4.4035	1.2575	3.500	1.2019	8.1692	1.20191
3200	-4.1903	-3.0406	4.4138	1.2715	3.579	1.2042	8.1024	1.20418
3300	-4.1395	-2.9758	4.4234	1.2748	3.642	1.2060	8.0340	1.20597
3400	-4.0901	-2.9128	4.4330	1.2689	3.691	1.2075	7.9705	1.20755
3500	-4.0402	-2.8498	4.4425	1.2561	3.728	1.2092	7.9152	1.20916
3600	-3.9884	-2.7851	4.4525	1.2395	3.759	1.2110	7.8733	1.21095
3700	-3.9335	-2.7175	4.4628	1.2213	3.786	1.2131	7.8460	1.21309
3800	-3.8746	-2.6462	4.4739	1.2037	3.813	1.2157	7.8370	1.21569
3900	-3.8112	-2.5703	4.4857	1.1877	3.842	1.2189	7.8460	1.21885
4000	-3.7427	-2.4895	4.4982	1.1738	3.874	1.2226	7.8736	1.22265
4100	-3.6693	-2.4038	4.5115	1.1622	3.910	1.2271	7.9207	1.22711
4200	-3.5911	-2.3132	4.5255	1.1526	3.950	1.2323	7.9852	1.23227
4300	-3.5083	-2.2182	4.5402	1.1451	3.993	1.2381	8.0670	1.23812
4400	-3.4220	-2.1197	4.5553	1.1393	4.039	1.2446	8.1620	1.24461

S/R= 45.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4500	-3.3325	-2.01179	4.5707	1.1347	4.088	1.2517	8.2702	1.25172
4600	-3.2407	-1.9139	4.5864	1.1314	4.140	1.2594	8.3874	1.25936
4700	-3.1473	-1.8084	4.6022	1.1298	4.193	1.2675	8.5127	1.26750
4800	-3.0528	-1.7018	4.6180	1.1269	4.249	1.2761	8.6442	1.27607
4900	-2.9578	-1.5948	4.6337	1.1245	4.303	1.2850	8.7803	1.28501
5000	-2.8613	-1.4864	4.6495	1.1238	4.361	1.2942	8.9240	1.29416
5100	-2.7669	-1.3803	4.6649	1.1247	4.422	1.3037	9.0633	1.30366
5200	-2.6733	-1.2751	4.6799	1.1247	4.482	1.3134	9.2029	1.31337
5300	-2.5809	-1.1711	4.6947	1.1249	4.542	1.3233	9.3424	1.32329
5400	-2.4897	-1.0685	4.7092	1.1253	4.603	1.3333	9.4803	1.33334
5500	-2.3999	-0.9674	4.7234	1.1259	4.664	1.3435	9.6171	1.34352
5600	-2.3118	-0.8682	4.7372	1.1266	4.726	1.3538	9.7505	1.35376
5700	-2.2252	-0.7706	4.7507	1.1274	4.788	1.3641	9.8818	1.36406
5800	-2.1405	-0.6751	4.7639	1.1233	4.850	1.3744	10.0102	1.37443
5900	-2.0573	-0.5812	4.7767	1.1293	4.912	1.3849	10.1360	1.38485
6000	-1.9762	-0.4895	4.7892	1.1305	4.975	1.3952	10.2578	1.39523
6100	-1.8969	-0.3998	4.8014	1.1318	5.038	1.4056	10.3763	1.40559
6200	-1.8195	-0.3122	4.8132	1.1332	5.100	1.4160	10.4915	1.41594
6300	-1.7440	-0.2266	4.8248	1.1344	5.163	1.4263	10.6030	1.42626
6400	-1.6705	-0.1432	4.8360	1.1358	5.226	1.4365	10.7098	1.43645
6500	-1.5986	-0.0615	4.8469	1.1372	5.288	1.4467	10.8144	1.44666
6600	-1.5285	0.0183	4.8575	1.1337	5.351	1.4569	10.9152	1.45680
6700	-1.4603	0.0960	4.8679	1.1401	5.413	1.4669	11.0119	1.46683
6800	-1.3936	0.1721	4.8781	1.1415	5.475	1.4769	11.1059	1.47681
6900	-1.3288	0.2462	4.8879	1.1430	5.537	1.4868	11.1958	1.48668
7000	-1.2653	0.3188	4.8975	1.1445	5.599	1.4966	11.2833	1.49650
7100	-1.2036	0.3894	4.9069	1.1462	5.662	1.5063	11.3673	1.50621
7200	-1.1434	0.4584	4.9161	1.1478	5.724	1.5160	11.4478	1.51581
7300	-1.0849	0.5256	4.9250	1.1492	5.785	1.5254	11.5247	1.52527
7400	-1.0276	0.5916	4.9337	1.1507	5.846	1.5349	11.5994	1.53468
7500	-0.9719	0.6558	4.9422	1.1524	5.908	1.5442	11.6706	1.54394
7600	-0.9175	0.7185	4.9505	1.1541	5.969	1.5534	11.7392	1.55311
7700	-0.8646	0.7795	4.9585	1.1559	6.030	1.5624	11.8046	1.56214
7800	-0.8129	0.8393	4.9665	1.1573	6.090	1.5714	11.8674	1.57106
7900	-0.7625	0.8977	4.9742	1.1598	6.151	1.5802	11.9278	1.57989
8000	-0.7132	0.9549	4.9818	1.1605	6.211	1.5890	11.9861	1.58862
8100	-0.6652	1.0106	4.9892	1.1622	6.271	1.5976	12.0412	1.59719
8200	-0.6184	1.0651	4.9964	1.1639	6.331	1.6062	12.0944	1.60566
8300	-0.5727	1.1182	5.0035	1.1657	6.391	1.6145	12.1444	1.61397
8400	-0.5281	1.1703	5.0104	1.1671	6.450	1.6228	12.1926	1.62220
8500	-0.4845	1.2212	5.0172	1.1687	6.509	1.6310	12.2389	1.63031
8600	-0.4420	1.2710	5.0238	1.1707	6.569	1.6390	12.2826	1.63827
8700	-0.4006	1.3194	5.0303	1.1725	6.628	1.6469	12.3237	1.64608
8800	-0.3601	1.3669	5.0366	1.1740	6.686	1.6547	12.3633	1.65380
8900	-0.3205	1.4135	5.0429	1.1757	6.744	1.6625	12.4013	1.66142
9000	-0.2819	1.4590	5.0490	1.1775	6.803	1.6700	12.4368	1.66889
9100	-0.2440	1.5035	5.0549	1.1792	6.861	1.6775	12.4711	1.67627
9200	-0.2072	1.5470	5.0608	1.1811	6.919	1.6848	12.5031	1.68350
9300	-0.1712	1.5895	5.0665	1.1828	6.976	1.6920	12.5329	1.69057
9400	-0.1360	1.6312	5.0722	1.1843	7.033	1.6992	12.5614	1.69757
9500	-0.1014	1.6722	5.0777	1.1861	7.090	1.7062	12.5889	1.70448
9600	-0.0678	1.7122	5.0831	1.1881	7.148	1.7131	12.6144	1.71123
9700	-0.0349	1.7512	5.0885	1.1898	7.204	1.7199	12.6380	1.71785
9800	-0.0027	1.7896	5.0937	1.1915	7.261	1.7265	12.6605	1.72439
9900	0.0288	1.8271	5.0988	1.1935	7.318	1.7331	12.6813	1.73078

S/R= 45.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10000	0.0595	1.8637	5.1038	1.1951	7.373	1.7395	12.7002	1.73703
10100	0.0896	1.8998	5.1088	1.1969	7.429	1.7459	12.7183	1.74321
10200	0.1190	1.9350	5.1136	1.1987	7.484	1.7521	12.7350	1.74925
10300	0.1479	1.9697	5.1184	1.2003	7.539	1.7583	12.7507	1.75522
10400	0.1762	2.0036	5.1231	1.2025	7.596	1.7643	12.7650	1.76106
10500	0.2037	2.0368	5.1277	1.2041	7.650	1.7702	12.7779	1.76676
10600	0.2308	2.0695	5.1322	1.2057	7.704	1.7760	12.7900	1.77241
10700	0.2573	2.1014	5.1366	1.2077	7.759	1.7818	12.8009	1.77792
10800	0.2832	2.1327	5.1410	1.2092	7.813	1.7874	12.8103	1.78331
10900	0.3087	2.1636	5.1453	1.2112	7.868	1.7930	12.8192	1.78864
11000	0.3336	2.1938	5.1495	1.2131	7.922	1.7984	12.8270	1.79384
11100	0.3580	2.2234	5.1537	1.2147	7.975	1.8037	12.8336	1.79894
11200	0.3820	2.2525	5.1578	1.2167	8.029	1.8090	12.8399	1.80398
11300	0.4053	2.2809	5.1618	1.2188	8.083	1.8142	12.8443	1.80884
11400	0.4283	2.3090	5.1658	1.2198	8.134	1.8192	12.8485	1.81366
11500	0.4510	2.3366	5.1697	1.2216	8.186	1.8243	12.8521	1.81843
11600	0.4730	2.3636	5.1735	1.2236	8.240	1.8291	12.8543	1.82303
11700	0.4948	2.3902	5.1773	1.2250	8.291	1.8340	12.8561	1.82758
11800	0.5161	2.4163	5.1810	1.2266	8.342	1.8387	12.8571	1.83204
11900	0.5371	2.4422	5.1847	1.2283	8.394	1.8434	12.8581	1.83646
12000	0.5576	2.4673	5.1883	1.2300	8.446	1.8480	12.8576	1.84072
12100	0.5779	2.4922	5.1919	1.2314	8.496	1.8525	12.8570	1.84495
12200	0.5977	2.5167	5.1955	1.2327	8.546	1.8569	12.8558	1.84910
12300	0.6173	2.5409	5.1990	1.2344	8.597	1.8614	12.8543	1.85320
12400	0.6364	2.5645	5.2024	1.2361	8.648	1.8656	12.8516	1.85716
12500	0.6554	2.5879	5.2058	1.2374	8.697	1.8698	12.8490	1.86109
12600	0.6740	2.6110	5.2091	1.2389	8.746	1.8740	12.8459	1.86495
12700	0.6922	2.6336	5.2124	1.2403	8.795	1.8781	12.8421	1.86873
12800	0.7102	2.6559	5.2157	1.2413	8.843	1.8821	12.8379	1.87243
12900	0.7280	2.6780	5.2189	1.2424	8.891	1.8861	12.8338	1.87611
13000	0.7455	2.6997	5.2221	1.2438	8.939	1.8900	12.8293	1.87973
13100	0.7627	2.7212	5.2253	1.2449	8.987	1.8938	12.8245	1.88328
13200	0.7797	2.7423	5.2284	1.2461	9.034	1.8976	12.8193	1.88676
13300	0.7964	2.7632	5.2315	1.2469	9.081	1.9013	12.8139	1.89019
13400	0.8130	2.7839	5.2346	1.2482	9.128	1.9050	12.8084	1.89359
13500	0.8292	2.8041	5.2376	1.2493	9.175	1.9086	12.8023	1.89689
13600	0.8453	2.8243	5.2406	1.2497	9.219	1.9122	12.7963	1.90018
13700	0.8613	2.8442	5.2436	1.2506	9.265	1.9157	12.7902	1.90343
13800	0.8769	2.8638	5.2465	1.2511	9.308	1.9192	12.7839	1.90661
13900	0.8926	2.8833	5.2495	1.2513	9.351	1.9226	12.7782	1.90981
14000	0.9079	2.9025	5.2524	1.2528	9.399	1.9260	12.7717	1.91289
14100	0.9231	2.9216	5.2553	1.2534	9.442	1.9293	12.7654	1.91602
14200	0.9382	2.9405	5.2581	1.2533	9.484	1.9327	12.7591	1.91909
14300	0.9531	2.9592	5.2609	1.2538	9.527	1.9359	12.7527	1.92210
14400	0.9678	2.9777	5.2638	1.2539	9.569	1.9391	12.7465	1.92510
14500	0.9824	2.9960	5.2665	1.2544	9.612	1.9423	12.7401	1.92806
14600	0.9969	3.0141	5.2693	1.2548	9.654	1.9454	12.7337	1.93098
14700	1.0113	3.0321	5.2721	1.2549	9.695	1.9485	12.7278	1.93391
14800	1.0255	3.0499	5.2748	1.2549	9.736	1.9515	12.7213	1.93677
14900	1.0396	3.0677	5.2775	1.2546	9.775	1.9546	12.7155	1.93965
15000	1.0536	3.0853	5.2802	1.2543	9.814	1.9576	12.7095	1.94250

S/R= 45.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/PT	Z*
1800	-6.8429	-6.0124	3.9368	1.1019	2.307	1.0264	4.8031	1.02642
1900	-6.5456	-5.5848	4.0039	1.0995	2.387	1.0426	5.0103	1.04265
2000	-6.2368	-5.3461	4.0678	1.0969	2.468	1.0614	5.2450	1.06135
2100	-5.9340	-5.0140	4.1261	1.0977	2.553	1.0813	6.3659	1.08128
2200	-5.6482	-4.6999	4.1780	1.1008	2.641	1.1015	6.8481	1.10145
2300	-5.3866	-4.4114	4.2234	1.1060	2.731	1.1210	7.2720	1.12102
2400	-5.1533	-4.1526	4.2626	1.1135	2.822	1.1393	7.6281	1.13933
2500	-4.9509	-3.9262	4.2961	1.1239	2.914	1.1558	7.9093	1.15576
2600	-4.7802	-3.7333	4.3241	1.1333	3.009	1.1698	8.1114	1.16982
2700	-4.6411	-3.5736	4.3470	1.1579	3.107	1.1811	8.2346	1.18111
2800	-4.5302	-3.4438	4.3656	1.1831	3.210	1.1897	8.2888	1.18966
2900	-4.4424	-3.3385	4.3808	1.2122	3.316	1.1957	8.2869	1.19575
3000	-4.3714	-3.2513	4.3934	1.2408	3.418	1.1999	8.2468	1.19993
3100	-4.3115	-3.1761	4.4044	1.2629	3.509	1.2028	8.1858	1.20280
3200	-4.2580	-3.1081	4.4145	1.2746	3.585	1.2049	8.1152	1.20489
3300	-4.2077	-3.0438	4.4240	1.2755	3.644	1.2066	8.0451	1.20655
3400	-4.1582	-2.9808	4.4336	1.2674	3.690	1.2081	7.9814	1.20808
3500	-4.1079	-2.9173	4.4432	1.2529	3.724	1.2097	7.9272	1.20970
3600	-4.0552	-2.8517	4.4532	1.2352	3.753	1.2115	7.8875	1.21155
3700	-3.9991	-2.7829	4.4638	1.2166	3.780	1.2139	7.8635	1.21378
3800	-3.9386	-2.7098	4.4751	1.1988	3.807	1.2165	7.8588	1.21652
3900	-3.8732	-2.6319	4.4872	1.1831	3.836	1.2199	7.8729	1.21986
4000	-3.8026	-2.5490	4.5000	1.1635	3.869	1.2239	7.9063	1.22386
4100	-3.7268	-2.4608	4.5137	1.1583	3.906	1.2286	7.9595	1.22856
4200	-3.6462	-2.3677	4.5280	1.1492	3.946	1.2340	8.0305	1.23398
4300	-3.5610	-2.2702	4.5430	1.1421	3.991	1.2401	8.1187	1.24010
4400	-3.4723	-2.1692	4.5583	1.1367	4.038	1.2469	8.2200	1.24687
4500	-3.3805	-2.0650	4.5741	1.1324	4.088	1.2542	8.3342	1.25425
4600	-3.2866	-1.9588	4.5900	1.1294	4.141	1.2622	8.4572	1.26217
4700	-3.1911	-1.8512	4.6060	1.1271	4.195	1.2706	8.5877	1.27056
4800	-3.0947	-1.7426	4.6220	1.1254	4.251	1.2794	8.7241	1.27940
4900	-2.9980	-1.6339	4.6378	1.1232	4.306	1.2886	8.8644	1.28858
5000	-2.9000	-1.5239	4.6538	1.1207	4.365	1.2980	9.0122	1.29797
5100	-2.8042	-1.4163	4.6692	1.1236	4.427	1.3077	9.1550	1.30769
5200	-2.7094	-1.3098	4.6844	1.1237	4.487	1.3176	9.2979	1.31763
5300	-2.6158	-1.2045	4.6993	1.1240	4.548	1.3278	9.4404	1.32775
5400	-2.5235	-1.1008	4.7138	1.1245	4.609	1.3380	9.5808	1.33800
5500	-2.4328	-0.9987	4.7280	1.1251	4.671	1.3484	9.7199	1.34838
5600	-2.3438	-0.8987	4.7419	1.1259	4.733	1.3588	9.8554	1.35879
5700	-2.2565	-0.8003	4.7554	1.1268	4.796	1.3693	9.9884	1.36927
5800	-2.1710	-0.7039	4.7686	1.1277	4.858	1.3798	10.1187	1.37981
5900	-2.0872	-0.6094	4.7814	1.1288	4.921	1.3904	10.2459	1.39038
6000	-2.0055	-0.5171	4.7939	1.1300	4.984	1.4009	10.3691	1.40091
6100	-1.9257	-0.4269	4.8061	1.1314	5.047	1.4114	10.4886	1.41142
6200	-1.8479	-0.3388	4.8179	1.1327	5.110	1.4219	10.6048	1.42191
6300	-1.7719	-0.2527	4.8294	1.1341	5.173	1.4324	10.7173	1.43236
6400	-1.6980	-0.1688	4.8406	1.1355	5.236	1.4427	10.8247	1.44269
6500	-1.6258	-0.0867	4.8515	1.1368	5.299	1.4531	10.9300	1.45302
6600	-1.5554	-0.0066	4.8622	1.1384	5.362	1.4633	11.0314	1.46328
6700	-1.4869	0.0713	4.8725	1.1398	5.425	1.4735	11.1284	1.47342
6800	-1.4199	0.1478	4.8826	1.1412	5.487	1.4836	11.2228	1.48351
6900	-1.3549	0.2221	4.8924	1.1428	5.550	1.4936	11.3131	1.49348
7000	-1.2912	0.2949	4.9020	1.1443	5.612	1.5035	11.4008	1.50341
7100	-1.2293	0.3657	4.9114	1.1460	5.674	1.5133	11.4848	1.51321
7200	-1.1690	0.4349	4.9205	1.1477	5.737	1.5230	11.5654	1.52290



S/R= 45.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7300	-1.1104	0.5022	4.9294	1.1491	5.798	1.5326	11.6423	1.53245
7400	-1.0529	0.5683	4.9381	1.1506	5.860	1.5421	11.7171	1.54195
7500	-0.9970	0.6326	4.9465	1.1523	5.921	1.5515	11.7882	1.55129
7600	-0.9426	0.6954	4.9548	1.1541	5.983	1.5608	11.8567	1.56053
7700	-0.8896	0.7566	4.9628	1.1559	6.045	1.5699	11.9218	1.56964
7800	-0.8379	0.8164	4.9707	1.1573	6.105	1.5789	11.9844	1.57862
7900	-0.7874	0.8749	4.9784	1.1588	6.165	1.5879	12.0445	1.58752
8000	-0.7381	0.9321	4.9860	1.1605	6.226	1.5967	12.1024	1.59631
8100	-0.6901	0.9878	4.9933	1.1622	6.287	1.6054	12.1572	1.60494
8200	-0.6432	1.0423	5.0005	1.1640	6.347	1.6139	12.2099	1.61346
8300	-0.5976	1.0954	5.0076	1.1658	6.407	1.6224	12.2596	1.62183
8400	-0.5530	1.1475	5.0144	1.1672	6.466	1.6307	12.3073	1.63010
8500	-0.5094	1.1984	5.0212	1.1688	6.525	1.6389	12.3530	1.63826
8600	-0.4669	1.2481	5.0278	1.1709	6.585	1.6470	12.3961	1.64626
8700	-0.4256	1.2965	5.0342	1.1727	6.645	1.6549	12.4367	1.65411
8800	-0.3852	1.3440	5.0405	1.1741	6.703	1.6627	12.4757	1.66186
8900	-0.3455	1.3905	5.0468	1.1758	6.761	1.6705	12.5131	1.66952
9000	-0.3070	1.4359	5.0528	1.1777	6.820	1.6781	12.5479	1.67702
9100	-0.2693	1.4804	5.0588	1.1794	6.878	1.6856	12.5815	1.68442
9200	-0.2325	1.5238	5.0646	1.1814	6.937	1.6929	12.6129	1.69168
9300	-0.1966	1.5662	5.0703	1.1831	6.994	1.7001	12.6417	1.69876
9400	-0.1615	1.6078	5.0759	1.1846	7.051	1.7073	12.6696	1.70577
9500	-0.1270	1.6486	5.0814	1.1863	7.108	1.7143	12.6963	1.71269
9600	-0.0934	1.6885	5.0868	1.1884	7.166	1.7212	12.7209	1.71946
9700	-0.0607	1.7275	5.0921	1.1901	7.222	1.7280	12.7438	1.72609
9800	-0.0286	1.7657	5.0973	1.1918	7.279	1.7347	12.7655	1.73263
9900	0.0028	1.8031	5.1023	1.1939	7.336	1.7412	12.7854	1.73902
10000	0.0333	1.8396	5.1073	1.1955	7.392	1.7476	12.8035	1.74527
10100	0.0634	1.8756	5.1122	1.1973	7.448	1.7539	12.8207	1.75145
10200	0.0927	1.9107	5.1170	1.1991	7.503	1.7601	12.8362	1.75749
10300	0.1214	1.9452	5.1218	1.2008	7.558	1.7663	12.8513	1.76345
10400	0.1495	1.9790	5.1264	1.2030	7.615	1.7723	12.8646	1.76927
10500	0.1770	2.0120	5.1310	1.2046	7.669	1.7782	12.8765	1.77497
10600	0.2039	2.0445	5.1355	1.2062	7.723	1.7840	12.8878	1.78060
10700	0.2303	2.0763	5.1399	1.2082	7.778	1.7897	12.8976	1.78610
10800	0.2561	2.1075	5.1442	1.2098	7.832	1.7953	12.9061	1.79146
10900	0.2814	2.1381	5.1485	1.2117	7.886	1.8008	12.9140	1.79678
11000	0.3062	2.1682	5.1527	1.2137	7.941	1.8062	12.9208	1.80196
11100	0.3304	2.1976	5.1568	1.2154	7.994	1.8115	12.9264	1.80703
11200	0.3543	2.2266	5.1609	1.2173	8.048	1.8168	12.9318	1.81205
11300	0.3775	2.2549	5.1649	1.2194	8.102	1.8218	12.9353	1.81688
11400	0.4003	2.2828	5.1688	1.2204	8.153	1.8269	12.9383	1.82167
11500	0.4228	2.3103	5.1727	1.2222	8.205	1.8319	12.9412	1.82642
11600	0.4447	2.3371	5.1765	1.2242	8.259	1.8367	12.9422	1.83099
11700	0.4663	2.3635	5.1802	1.2257	8.310	1.8414	12.9432	1.83551
11800	0.4875	2.3895	5.1839	1.2272	8.361	1.8461	12.9433	1.83994
11900	0.5084	2.4152	5.1876	1.2289	8.413	1.8508	12.9433	1.84432
12000	0.5287	2.4402	5.1912	1.2307	8.465	1.8553	12.9417	1.84855
12100	0.5488	2.4649	5.1947	1.2321	8.515	1.8597	12.9403	1.85275
12200	0.5686	2.4892	5.1982	1.2333	8.564	1.8641	12.9380	1.85685
12300	0.5881	2.5133	5.2017	1.2349	8.615	1.8684	12.9358	1.86093
12400	0.6071	2.5368	5.2051	1.2367	8.666	1.8726	12.9322	1.86486
12500	0.6259	2.5600	5.2085	1.2380	8.715	1.8768	12.9286	1.86876
12600	0.6443	2.5829	5.2118	1.2395	8.764	1.8809	12.9246	1.87258
12700	0.6624	2.6054	5.2151	1.2408	8.813	1.8849	12.9200	1.87632

S/R= 45.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/HT	Z*
12800	0.6803	2.6275	5.2183	1.2418	8.861	1.8888	12.9149	1.87999
12900	0.6980	2.6495	5.2215	1.2428	8.908	1.8927	12.9099	1.88364
13000	0.7153	2.6711	5.2247	1.2442	8.956	1.8966	12.9045	1.88722
13100	0.7325	2.6924	5.2278	1.2453	9.004	1.9004	12.8990	1.89073
13200	0.7493	2.7135	5.2309	1.2465	9.051	1.9041	12.8929	1.89418
13300	0.7660	2.7342	5.2340	1.2472	9.097	1.9077	12.8857	1.89758
13400	0.7825	2.7548	5.2370	1.2483	9.144	1.9113	12.8805	1.90095
13500	0.7986	2.7749	5.2400	1.2495	9.190	1.9149	12.8738	1.90424
13600	0.8146	2.7950	5.2430	1.2500	9.235	1.9184	12.8672	1.90750
13700	0.8305	2.8147	5.2460	1.2507	9.280	1.9218	12.8602	1.91072
13800	0.8461	2.8343	5.2489	1.2513	9.324	1.9252	12.8532	1.91388
13900	0.8616	2.8537	5.2518	1.2515	9.367	1.9286	12.8467	1.91705
14000	0.8769	2.8728	5.2547	1.2528	9.413	1.9318	12.8398	1.92010
14100	0.8920	2.8918	5.2575	1.2533	9.457	1.9351	12.8326	1.92320
14200	0.9070	2.9105	5.2604	1.2532	9.498	1.9384	12.8258	1.92624
14300	0.9218	2.9291	5.2632	1.2538	9.541	1.9415	12.8187	1.92924
14400	0.9365	2.9475	5.2660	1.2540	9.583	1.9447	12.8118	1.93221
14500	0.9510	2.9658	5.2687	1.2543	9.625	1.9478	12.8048	1.93516
14600	0.9654	2.9838	5.2715	1.2544	9.666	1.9509	12.7979	1.93806
14700	0.9797	3.0018	5.2742	1.2545	9.707	1.9539	12.7914	1.94098
14800	0.9939	3.0196	5.2770	1.2547	9.748	1.9569	12.7845	1.94384
14900	1.0080	3.0372	5.2797	1.2544	9.787	1.9598	12.7783	1.94671
15000	1.0219	3.0547	5.2823	1.2540	9.826	1.9627	12.7719	1.94954

S/R= 45.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/HT	Z*
1800	-6.9029	-6.0717	3.9422	1.1002	2.308	1.0282	4.9528	1.02817
1900	-6.5983	-5.7366	4.0100	1.0981	2.388	1.0450	5.3859	1.04499
2000	-6.2844	-5.3925	4.0742	1.0961	2.470	1.0642	5.9315	1.06418
2100	-5.9784	-5.0571	4.1323	1.0972	2.556	1.0845	6.4585	1.08446
2200	-5.6911	-4.7415	4.1839	1.1007	2.645	1.1049	6.9427	1.10486
2300	-5.4294	-4.4529	4.2289	1.1062	2.735	1.1245	7.3648	1.12453
2400	-5.1974	-4.1954	4.2676	1.1142	2.827	1.1428	7.7155	1.14279
2500	-4.9976	-3.9717	4.3004	1.1254	2.920	1.1590	7.9882	1.15902
2600	-4.8306	-3.7825	4.3277	1.1409	3.016	1.1727	8.1787	1.17273
2700	-4.6957	-3.6273	4.3498	1.1620	3.116	1.1836	8.2884	1.18356
2800	-4.5891	-3.5019	4.3678	1.1888	3.221	1.1916	8.3293	1.19160
2900	-4.5050	-3.4006	4.3823	1.2191	3.327	1.1972	8.3159	1.19720
3000	-4.4367	-3.3162	4.3945	1.2474	3.428	1.2010	8.2673	1.20101
3100	-4.3786	-3.2429	4.4052	1.2679	3.517	1.2036	8.2008	1.20362
3200	-4.3260	-3.1759	4.4151	1.2771	3.589	1.2055	8.1271	1.20553
3300	-4.2761	-3.1120	4.4246	1.2756	3.645	1.2071	8.0556	1.20710
3400	-4.2265	-3.0488	4.4341	1.2653	3.687	1.2086	7.9921	1.20859
3500	-4.1755	-2.9847	4.4439	1.2492	3.720	1.2102	7.9394	1.21023
3600	-4.1218	-2.9181	4.4541	1.2307	3.747	1.2121	7.9022	1.21214
3700	-4.0643	-2.8478	4.4648	1.2117	3.773	1.2145	7.8818	1.21448
3800	-4.0021	-2.7730	4.4764	1.1940	3.801	1.2174	7.8817	1.21738
3900	-3.9347	-2.6931	4.4888	1.1785	3.831	1.2209	7.9012	1.22090
4000	-3.8618	-2.6077	4.5019	1.1654	3.864	1.2251	7.9406	1.22513
4100	-3.7836	-2.5171	4.5159	1.1546	3.902	1.2301	8.0002	1.23007
4200	-3.7005	-2.4215	4.5305	1.1460	3.944	1.2358	8.0777	1.23575
4300	-3.6129	-2.3214	4.5458	1.1393	3.989	1.2421	8.1725	1.24215
4400	-3.5218	-2.2179	4.5615	1.1342	4.038	1.2492	8.2801	1.24919
4500	-3.4277	-2.1113	4.5775	1.1303	4.089	1.2569	8.4004	1.25685

S/R= 45.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4600	-3.3316	-2.0029	4.5937	1.1275	4.142	1.2650	8.5290	1.26504
4700	-3.2342	-1.8932	4.6098	1.1254	4.197	1.2737	8.6646	1.27371
4800	-3.1360	-1.7827	4.6260	1.1239	4.254	1.2828	8.8058	1.28280
4900	-3.0376	-1.6722	4.6420	1.1220	4.310	1.2922	8.9505	1.29223
5000	-2.9381	-1.5607	4.6581	1.1215	4.369	1.3019	9.1021	1.30186
5100	-2.8409	-1.4516	4.6736	1.1226	4.432	1.3118	9.2484	1.31180
5200	-2.7449	-1.3438	4.6889	1.1228	4.493	1.3220	9.3944	1.32195
5300	-2.6501	-1.2374	4.7038	1.1232	4.554	1.3323	9.5397	1.33228
5400	-2.5568	-1.1326	4.7184	1.1237	4.616	1.3427	9.6828	1.34272
5500	-2.4651	-1.0295	4.7327	1.1244	4.678	1.3533	9.8240	1.35329
5600	-2.3754	-0.9286	4.7465	1.1253	4.741	1.3639	9.9615	1.36388
5700	-2.2873	-0.8294	4.7600	1.1262	4.804	1.3745	10.0964	1.37453
5800	-2.2012	-0.7324	4.7732	1.1272	4.866	1.3852	10.2282	1.38523
5900	-2.1167	-0.6372	4.7861	1.1283	4.930	1.3960	10.3569	1.39596
6000	-2.0345	-0.5443	4.7986	1.1296	4.993	1.4066	10.4812	1.40664
6100	-1.9542	-0.4535	4.8107	1.1310	5.057	1.4173	10.6019	1.41729
6200	-1.8759	-0.3649	4.8225	1.1323	5.120	1.4279	10.7190	1.42792
6300	-1.7995	-0.2784	4.8341	1.1337	5.183	1.4385	10.8324	1.43851
6400	-1.7252	-0.1941	4.8452	1.1352	5.247	1.4490	10.9405	1.44896
6500	-1.6527	-0.1117	4.8561	1.1365	5.310	1.4595	11.0462	1.45941
6600	-1.5819	-0.0313	4.8668	1.1381	5.373	1.4698	11.1482	1.46979
6700	-1.5132	0.0470	4.8771	1.1396	5.436	1.4801	11.2456	1.48004
6800	-1.4460	0.1237	4.8871	1.1410	5.499	1.4903	11.3403	1.49024
6900	-1.3807	0.1982	4.8969	1.1426	5.562	1.5004	11.4309	1.50031
7000	-1.3169	0.2713	4.9065	1.1441	5.624	1.5104	11.5186	1.51034
7100	-1.2548	0.3422	4.9158	1.1458	5.687	1.5203	11.6028	1.52024
7200	-1.1943	0.4116	4.9249	1.1475	5.750	1.5301	11.6837	1.53002
7300	-1.1356	0.4791	4.9337	1.1489	5.811	1.5398	11.7603	1.53965
7400	-1.0780	0.5453	4.9424	1.1505	5.873	1.5494	11.8350	1.54923
7500	-1.0221	0.6097	4.9508	1.1522	5.935	1.5588	11.9060	1.55865
7600	-0.9675	0.6726	4.9591	1.1540	5.997	1.5682	11.9743	1.56797
7700	-0.9145	0.7338	4.9671	1.1558	6.059	1.5774	12.0391	1.57714
7800	-0.8627	0.7937	4.9749	1.1573	6.120	1.5865	12.1014	1.58619
7900	-0.8122	0.8522	4.9826	1.1588	6.180	1.5955	12.1613	1.59515
8000	-0.7629	0.9094	4.9901	1.1606	6.241	1.6044	12.2189	1.60400
8100	-0.7149	0.9651	4.9974	1.1623	6.302	1.6131	12.2731	1.61268
8200	-0.6680	1.0196	5.0046	1.1640	6.362	1.6217	12.3254	1.62126
8300	-0.6224	1.0728	5.0116	1.1659	6.423	1.6302	12.3746	1.62968
8400	-0.5778	1.1248	5.0185	1.1673	6.482	1.6386	12.4218	1.63799
8500	-0.5342	1.1757	5.0252	1.1690	6.541	1.6468	12.4671	1.64619
8600	-0.4918	1.2253	5.0317	1.1710	6.602	1.6549	12.5095	1.65423
8700	-0.4505	1.2737	5.0381	1.1728	6.661	1.6629	12.5494	1.66211
8800	-0.4102	1.3211	5.0444	1.1743	6.719	1.6707	12.5878	1.66990
8900	-0.3706	1.3675	5.0506	1.1760	6.778	1.6785	12.6245	1.67759
9000	-0.3321	1.4128	5.0566	1.1779	6.837	1.6861	12.6587	1.68511
9100	-0.2945	1.4573	5.0626	1.1797	6.895	1.6936	12.6915	1.69254
9200	-0.2578	1.5006	5.0683	1.1817	6.954	1.7010	12.7220	1.69981
9300	-0.2220	1.5429	5.0740	1.1834	7.011	1.7082	12.7503	1.70691
9400	-0.1870	1.5844	5.0796	1.1849	7.068	1.7153	12.7773	1.71393
9500	-0.1526	1.6251	5.0850	1.1867	7.126	1.7224	12.8032	1.72086
9600	-0.1191	1.6649	5.0904	1.1888	7.184	1.7293	12.8269	1.72764
9700	-0.0865	1.7037	5.0956	1.1905	7.240	1.7360	12.8488	1.73427
9800	-0.0545	1.7418	5.1008	1.1923	7.297	1.7427	12.8698	1.74081
9900	-0.0233	1.7790	5.1058	1.1944	7.355	1.7493	12.8887	1.74720
10000	0.0072	1.8154	5.1108	1.1960	7.410	1.7556	12.9059	1.75345

S/R= 45.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10100	0.0371	1.8512	5.1157	1.1978	7.466	1.7620	12.0222	1.75961
10200	0.0662	1.8862	5.1204	1.1996	7.522	1.7681	12.0369	1.75565
10300	0.0949	1.9206	5.1251	1.2013	7.577	1.7743	12.0509	1.77160
10400	0.1228	1.9542	5.1297	1.2036	7.634	1.7802	12.0632	1.77741
10500	0.1501	1.9870	5.1343	1.2052	7.688	1.7861	12.0742	1.78309
10600	0.1769	2.0194	5.1387	1.2068	7.742	1.7919	12.0845	1.78870
10700	0.2032	2.0511	5.1431	1.2089	7.797	1.7976	12.0934	1.79418
10800	0.2289	2.0821	5.1474	1.2105	7.851	1.8031	13.0008	1.79952
10900	0.2540	2.1126	5.1516	1.2123	7.905	1.8086	13.0079	1.80481
11000	0.2786	2.1425	5.1558	1.2143	7.960	1.8139	13.0136	1.80997
11100	0.3027	2.1717	5.1599	1.2160	8.013	1.8192	13.0181	1.81501
11200	0.3264	2.2006	5.1639	1.2130	8.067	1.8244	13.0224	1.82000
11300	0.3494	2.2287	5.1679	1.2201	8.121	1.8294	13.0249	1.82481
11400	0.3721	2.2564	5.1719	1.2211	8.171	1.8344	13.0271	1.82956
11500	0.3945	2.2837	5.1755	1.2228	8.224	1.8393	13.0289	1.83428
11600	0.4163	2.3104	5.1794	1.2248	8.277	1.8441	13.0292	1.83881
11700	0.4377	2.3367	5.1831	1.2264	8.329	1.8488	13.0290	1.84330
11800	0.4587	2.3625	5.1868	1.2279	8.380	1.8534	13.0281	1.84769
11900	0.4795	2.3879	5.1904	1.2295	8.431	1.8580	13.0270	1.85204
12000	0.4997	2.4128	5.1939	1.2314	8.483	1.8624	13.0246	1.85623
12100	0.5197	2.4374	5.1975	1.2328	8.533	1.8668	13.0220	1.86039
12200	0.5392	2.4615	5.2009	1.2339	8.582	1.8711	13.0189	1.86446
12300	0.5586	2.4854	5.2044	1.2355	8.633	1.8754	13.0157	1.86850
12400	0.5775	2.5088	5.2077	1.2373	8.684	1.8795	13.0112	1.87239
12500	0.5962	2.5319	5.2111	1.2385	8.733	1.8836	13.0070	1.87626
12600	0.6145	2.5546	5.2144	1.2399	8.782	1.8876	13.0020	1.88005
12700	0.6325	2.5770	5.2176	1.2413	8.831	1.8916	12.9965	1.88376
12800	0.6502	2.5990	5.2208	1.2424	8.878	1.8954	12.9905	1.88738
12900	0.6678	2.6208	5.2240	1.2434	8.925	1.8993	12.9847	1.89099
13000	0.6850	2.6423	5.2272	1.2445	8.973	1.9030	12.9785	1.89454
13100	0.7021	2.6635	5.2303	1.2458	9.021	1.9067	12.9720	1.89802
13200	0.7188	2.6844	5.2334	1.2470	9.068	1.9104	12.9652	1.90143
13300	0.7353	2.7050	5.2364	1.2476	9.113	1.9140	12.9581	1.90479
13400	0.7517	2.7254	5.2394	1.2486	9.159	1.9175	12.9512	1.90813
13500	0.7678	2.7455	5.2424	1.2497	9.206	1.9210	12.9436	1.91139
13600	0.7837	2.7654	5.2454	1.2501	9.250	1.9244	12.9364	1.91463
13700	0.7995	2.7851	5.2483	1.2508	9.295	1.9278	12.9290	1.91783
13800	0.8150	2.8045	5.2512	1.2515	9.339	1.9311	12.9214	1.92096
13900	0.8304	2.8239	5.2541	1.2516	9.381	1.9344	12.9140	1.92410
14000	0.8456	2.8429	5.2569	1.2529	9.427	1.9376	12.9064	1.92713
14100	0.8607	2.8617	5.2598	1.2534	9.471	1.9408	12.8985	1.93020
14200	0.8756	2.8804	5.2626	1.2532	9.511	1.9440	12.8911	1.93322
14300	0.8903	2.8989	5.2654	1.2537	9.554	1.9471	12.8835	1.93619
14400	0.9050	2.9172	5.2681	1.2539	9.596	1.9502	12.8761	1.93914
14500	0.9194	2.9354	5.2709	1.2543	9.638	1.9532	12.8685	1.94206
14600	0.9338	2.9534	5.2736	1.2543	9.679	1.9562	12.8610	1.94495
14700	0.9481	2.9713	5.2764	1.2544	9.719	1.9591	12.8540	1.94785
14800	0.9621	2.9890	5.2791	1.2544	9.760	1.9620	12.8467	1.95070
14900	0.9762	3.0066	5.2817	1.2539	9.798	1.9650	12.8399	1.95356
15000	0.9901	3.0241	5.2844	1.2536	9.837	1.9678	12.8331	1.95639

S/R= 46.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1800	-6.9619	-6.1299	3.9477	1.0986	2.308	1.0300	4.9248	1.03000

S/R= 46.0

T	LOG(RHQ)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1900	-6.6501	-5.7874	4.0162	1.0969	2.389	1.0474	5.4635	1.04741
2000	-6.3313	-5.4382	4.0806	1.0953	2.472	1.0671	6.0194	1.06705
2100	-6.0223	-5.0997	4.1386	1.0968	2.560	1.0877	6.5519	1.08768
2200	-5.7337	-4.7828	4.1898	1.1006	2.649	1.1083	7.0375	1.10828
2300	-5.4723	-4.4944	4.2343	1.1065	2.740	1.1280	7.4572	1.12802
2400	-5.2418	-4.2385	4.2724	1.1151	2.832	1.1462	7.8021	1.14621
2500	-5.0448	-4.0177	4.3046	1.1270	2.926	1.1622	8.0653	1.16222
2600	-4.8817	-3.8326	4.3311	1.1437	3.023	1.1755	8.2433	1.17554
2700	-4.7512	-3.6820	4.3525	1.1664	3.125	1.1859	8.3392	1.18587
2800	-4.6489	-3.5611	4.3697	1.1950	3.231	1.1934	8.3667	1.19339
2900	-4.5684	-3.4635	4.3837	1.2261	3.338	1.1985	8.3424	1.19853
3000	-4.5027	-3.3818	4.3955	1.2539	3.439	1.2020	8.2859	1.20199
3100	-4.4460	-3.3101	4.4059	1.2725	3.525	1.2044	8.2144	1.20435
3200	-4.3943	-3.2439	4.4157	1.2791	3.593	1.2061	8.1380	1.20611
3300	-4.3446	-3.1803	4.4252	1.2750	3.645	1.2076	8.0657	1.20761
3400	-4.2947	-3.1169	4.4347	1.2628	3.684	1.2091	8.0027	1.20909
3500	-4.2430	-3.0520	4.4445	1.2454	3.715	1.2107	7.9517	1.21075
3600	-4.1882	-2.9843	4.4549	1.2260	3.741	1.2127	7.9175	1.21274
3700	-4.1292	-2.9125	4.4659	1.2068	3.767	1.2152	7.9010	1.21520
3800	-4.0651	-2.8357	4.4777	1.1892	3.794	1.2183	7.9058	1.21826
3900	-3.9956	-2.7536	4.4904	1.1740	3.825	1.2220	7.9309	1.22199
4000	-3.9204	-2.6658	4.5039	1.1613	3.860	1.2264	7.9766	1.22644
4100	-3.8397	-2.5726	4.5182	1.1510	3.899	1.2316	8.0428	1.23164
4200	-3.7541	-2.4744	4.5332	1.1429	3.941	1.2376	8.1279	1.23759
4300	-3.6640	-2.3717	4.5488	1.1366	3.988	1.2443	8.2284	1.24427
4400	-3.5705	-2.2657	4.5647	1.1319	4.037	1.2516	8.3423	1.25160
4500	-3.4741	-2.1568	4.5810	1.1283	4.089	1.2595	8.4687	1.25953
4600	-3.3759	-2.0462	4.5974	1.1258	4.144	1.2680	8.6028	1.26799
4700	-3.2765	-1.9344	4.6138	1.1239	4.200	1.2769	8.7436	1.27693
4800	-3.1765	-1.8221	4.6301	1.1226	4.257	1.2863	8.8894	1.28627
4900	-3.0765	-1.7099	4.6463	1.1208	4.314	1.2960	9.0384	1.29595
5000	-2.9755	-1.5968	4.6625	1.1205	4.374	1.3058	9.1938	1.30581
5100	-2.8770	-1.4863	4.6781	1.1216	4.437	1.3160	9.3434	1.31598
5200	-2.7797	-1.3772	4.6934	1.1219	4.498	1.3263	9.4925	1.32633
5300	-2.6839	-1.2697	4.7084	1.1224	4.560	1.3369	9.6405	1.33687
5400	-2.5896	-1.1638	4.7230	1.1230	4.623	1.3475	9.7861	1.34750
5500	-2.4970	-1.0598	4.7373	1.1238	4.685	1.3583	9.9295	1.35825
5600	-2.4065	-0.9580	4.7512	1.1247	4.748	1.3690	10.0690	1.36902
5700	-2.3176	-0.8581	4.7647	1.1256	4.812	1.3799	10.2055	1.37984
5800	-2.2308	-0.7603	4.7779	1.1267	4.875	1.3907	10.3388	1.39070
5900	-2.1458	-0.6645	4.7908	1.1278	4.938	1.4016	10.4689	1.40158
6000	-2.0630	-0.5711	4.8032	1.1292	5.002	1.4124	10.5943	1.41241
6100	-1.9822	-0.4797	4.8154	1.1306	5.066	1.4232	10.7161	1.42321
6200	-1.9035	-0.3907	4.8272	1.1320	5.130	1.4340	10.8340	1.43398
6300	-1.8267	-0.3038	4.8387	1.1334	5.194	1.4447	10.9482	1.44469
6400	-1.7521	-0.2191	4.8498	1.1348	5.257	1.4553	11.0570	1.45526
6500	-1.6792	-0.1364	4.8607	1.1362	5.321	1.4659	11.1631	1.46584
6600	-1.6082	-0.0556	4.8713	1.1379	5.385	1.4764	11.2657	1.47633
6700	-1.5392	0.0229	4.8816	1.1393	5.448	1.4867	11.3635	1.48668
6800	-1.4718	0.0998	4.8916	1.1408	5.511	1.4971	11.4583	1.49699
6900	-1.4063	0.1746	4.9014	1.1424	5.574	1.5072	11.5493	1.50717
7000	-1.3422	0.2478	4.9109	1.1440	5.637	1.5174	11.6372	1.51729
7100	-1.2801	0.3190	4.9202	1.1457	5.700	1.5274	11.7212	1.52728
7200	-1.2194	0.3885	4.9293	1.1474	5.763	1.5373	11.8020	1.53715
7300	-1.1606	0.4561	4.9381	1.1488	5.825	1.5470	11.8787	1.54686

S/R= . 46.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7400	-1.1029	0.5224	4.9457	1.1504	5.887	1.5567	11.9532	1.55652
7500	-1.0469	0.5869	4.9551	1.1522	5.949	1.5662	12.0240	1.56602
7600	-0.9923	0.6499	4.9633	1.1540	6.011	1.5756	12.0922	1.57541
7700	-0.9392	0.7111	4.9713	1.1558	6.073	1.5849	12.1567	1.58465
7800	-0.8874	0.7710	4.9791	1.1573	6.134	1.5940	12.2185	1.59377
7900	-0.8368	0.8296	4.9868	1.1588	6.195	1.6031	12.2781	1.60278
8000	-0.7875	0.8868	4.9942	1.1606	6.256	1.6120	12.3352	1.61168
8100	-0.7395	0.9426	5.0015	1.1623	6.317	1.6208	12.3891	1.62042
8200	-0.6927	0.9971	5.0087	1.1641	6.378	1.6295	12.4409	1.62906
8300	-0.6471	1.0502	5.0155	1.1660	6.438	1.6380	12.4895	1.63752
8400	-0.6025	1.1021	5.0224	1.1675	6.498	1.6464	12.5362	1.64587
8500	-0.5590	1.1530	5.0291	1.1691	6.557	1.6547	12.5809	1.65411
8600	-0.5166	1.2026	5.0357	1.1712	6.618	1.6628	12.6227	1.66218
8700	-0.4754	1.2509	5.0420	1.1730	6.677	1.6708	12.6619	1.67010
8800	-0.4351	1.2982	5.0483	1.1745	6.736	1.6787	12.6996	1.67791
8900	-0.3956	1.3446	5.0544	1.1762	6.795	1.6865	12.7357	1.68562
9000	-0.3572	1.3898	5.0604	1.1782	6.854	1.6941	12.7691	1.69316
9100	-0.3196	1.4341	5.0663	1.1800	6.912	1.7016	12.8011	1.70061
9200	-0.2830	1.4774	5.0720	1.1820	6.971	1.7090	12.8308	1.70790
9300	-0.2474	1.5196	5.0777	1.1838	7.029	1.7162	12.8583	1.71502
9400	-0.2124	1.5609	5.0832	1.1853	7.086	1.7234	12.8845	1.72204
9500	-0.1782	1.6015	5.0886	1.1871	7.143	1.7304	12.9094	1.72898
9600	-0.1448	1.6412	5.0940	1.1892	7.202	1.7373	12.9324	1.73576
9700	-0.1123	1.6798	5.0992	1.1909	7.258	1.7441	12.9533	1.74239
9800	-0.0805	1.7178	5.1043	1.1927	7.315	1.7507	12.9733	1.74893
9900	-0.0494	1.7549	5.1093	1.1949	7.373	1.7572	12.9913	1.75531
10000	-0.0191	1.7912	5.1142	1.1965	7.428	1.7636	13.0076	1.76155
10100	0.0107	1.8268	5.1190	1.1983	7.484	1.7699	13.0229	1.76771
10200	0.0397	1.8616	5.1238	1.2001	7.540	1.7761	13.0367	1.77372
10300	0.0682	1.8958	5.1284	1.2019	7.595	1.7822	13.0496	1.77966
10400	0.0960	1.9293	5.1330	1.2041	7.652	1.7881	13.0609	1.78546
10500	0.1231	1.9620	5.1375	1.2058	7.707	1.7939	13.0709	1.79111
10600	0.1498	1.9942	5.1419	1.2074	7.761	1.7997	13.0802	1.79670
10700	0.1759	2.0257	5.1463	1.2094	7.816	1.8053	13.0881	1.80216
10800	0.2014	2.0565	5.1505	1.2111	7.870	1.8108	13.0946	1.80747
10900	0.2264	2.0869	5.1547	1.2129	7.924	1.8162	13.1005	1.81274
11000	0.2509	2.1166	5.1588	1.2149	7.979	1.8216	13.1054	1.81786
11100	0.2748	2.1457	5.1629	1.2167	8.032	1.8268	13.1088	1.82288
11200	0.2983	2.1743	5.1669	1.2187	8.086	1.8319	13.1120	1.82783
11300	0.3212	2.2022	5.1708	1.2208	8.140	1.8369	13.1134	1.83260
11400	0.3438	2.2298	5.1747	1.2218	8.190	1.8418	13.1145	1.83732
11500	0.3660	2.2569	5.1785	1.2235	8.243	1.8467	13.1153	1.84200
11600	0.3876	2.2834	5.1822	1.2255	8.296	1.8514	13.1145	1.84650
11700	0.4090	2.3096	5.1859	1.2272	8.348	1.8560	13.1135	1.85095
11800	0.4298	2.3352	5.1895	1.2287	8.399	1.8606	13.1115	1.85531
11900	0.4504	2.3605	5.1931	1.2302	8.450	1.8651	13.1096	1.85962
12000	0.4705	2.3852	5.1967	1.2321	8.502	1.8695	13.1061	1.86377
12100	0.4903	2.4096	5.2001	1.2334	8.552	1.8738	13.1025	1.86788
12200	0.5097	2.4336	5.2036	1.2346	8.600	1.8780	13.0984	1.87191
12300	0.5289	2.4574	5.2070	1.2363	8.651	1.8822	13.0941	1.87590
12400	0.5477	2.4806	5.2103	1.2380	8.702	1.8863	13.0888	1.87975
12500	0.5662	2.5035	5.2135	1.2391	8.750	1.8903	13.0835	1.88359
12600	0.5845	2.5261	5.2159	1.2403	8.799	1.8943	13.0778	1.88734
12700	0.6024	2.5483	5.2201	1.2419	8.848	1.8981	13.0715	1.89102
12800	0.6200	2.5702	5.2233	1.2430	8.896	1.9019	13.0647	1.89461

S/R= 46.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12900	0.6374	2.5919	5.2265	1.2440	8.943	1.9057	13.0583	1.89818
13000	0.6545	2.6132	5.2296	1.2450	8.990	1.9094	13.0509	1.90169
13100	0.6714	2.6343	5.2327	1.2462	9.037	1.9130	13.0435	1.90513
13200	0.6881	2.6550	5.2357	1.2473	9.084	1.9166	13.0363	1.90850
13300	0.7045	2.6755	5.2387	1.2479	9.129	1.9201	13.0282	1.91182
13400	0.7208	2.6958	5.2417	1.2490	9.175	1.9235	13.0205	1.91513
13500	0.7367	2.7158	5.2447	1.2501	9.222	1.9269	13.0122	1.91835
13600	0.7526	2.7356	5.2476	1.2504	9.265	1.9303	13.0041	1.92156
13700	0.7683	2.7552	5.2505	1.2509	9.309	1.9336	12.9961	1.92474
13800	0.7837	2.7746	5.2534	1.2514	9.352	1.9369	12.9879	1.92784
13900	0.7991	2.7938	5.2563	1.2517	9.395	1.9401	12.9799	1.93097
14000	0.8143	2.8128	5.2591	1.2530	9.442	1.9432	12.9717	1.93397
14100	0.8292	2.8315	5.2619	1.2536	9.485	1.9464	12.9633	1.93702
14200	0.8440	2.8501	5.2647	1.2532	9.525	1.9495	12.9552	1.94001
14300	0.8587	2.8685	5.2675	1.2535	9.567	1.9525	12.9473	1.94296
14400	0.8733	2.8868	5.2703	1.2539	9.609	1.9555	12.9390	1.94589
14500	0.8877	2.9048	5.2730	1.2541	9.651	1.9585	12.9309	1.94879
14600	0.9020	2.9227	5.2757	1.2541	9.691	1.9614	12.9228	1.95165
14700	0.9162	2.9406	5.2784	1.2542	9.732	1.9643	12.9153	1.95455
14800	0.9303	2.9582	5.2811	1.2541	9.771	1.9672	12.9075	1.95737
14900	0.9443	2.9758	5.2838	1.2537	9.810	1.9700	12.9002	1.96022
15000	0.9582	2.9932	5.2864	1.2534	9.849	1.9728	12.8933	1.96304

S/R= 46.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1900	-6.7010	-5.8373	4.0225	1.0943	2.389	1.0499	5.5431	1.04988
2000	-6.3774	-5.4832	4.0870	1.0946	2.475	1.0700	6.1087	1.06998
2100	-6.0657	-5.1418	4.1448	1.0965	2.563	1.0909	6.6462	1.09092
2200	-5.7761	-4.8238	4.1957	1.1006	2.653	1.1117	7.1326	1.11170
2300	-5.5151	-4.5358	4.2396	1.1069	2.745	1.1315	7.5493	1.13151
2400	-5.2865	-4.2818	4.2772	1.1160	2.838	1.1496	7.8875	1.14960
2500	-5.0925	-4.0543	4.3086	1.1288	2.932	1.1653	8.1404	1.16533
2600	-4.9336	-3.8835	4.3343	1.1468	3.031	1.1782	8.3053	1.17824
2700	-4.8077	-3.7377	4.3550	1.1713	3.134	1.1881	8.3871	1.18806
2800	-4.7097	-3.6213	4.3715	1.2015	3.242	1.1950	8.4012	1.19504
2900	-4.6326	-3.5272	4.3849	1.2333	3.350	1.1997	8.3664	1.19975
3000	-4.5692	-3.4480	4.3963	1.2601	3.448	1.2029	8.3027	1.20287
3100	-4.5139	-3.3777	4.4066	1.2764	3.531	1.2050	8.2269	1.20502
3200	-4.4628	-3.3122	4.4162	1.2804	3.596	1.2066	8.1483	1.20665
3300	-4.4131	-3.2487	4.4257	1.2738	3.644	1.2081	8.0755	1.20809
3400	-4.3629	-3.1849	4.4353	1.2597	3.681	1.2096	8.0133	1.20956
3500	-4.3103	-3.1192	4.4452	1.2412	3.709	1.2113	7.9644	1.21127
3600	-4.2543	-3.0502	4.4558	1.2213	3.735	1.2133	7.9334	1.21335
3700	-4.1937	-2.9767	4.4670	1.2019	3.760	1.2159	7.9212	1.21594
3800	-4.1277	-2.8980	4.4791	1.1844	3.788	1.2192	7.9312	1.21917
3900	-4.0559	-2.8135	4.4921	1.1697	3.820	1.2231	7.9623	1.22312
4000	-3.9783	-2.7233	4.5059	1.1574	3.855	1.2278	8.0143	1.22781
4100	-3.8951	-2.6274	4.5206	1.1476	3.895	1.2333	8.0873	1.23327
4200	-3.8069	-2.5265	4.5359	1.1399	3.939	1.2395	8.1783	1.23950
4300	-3.7142	-2.4212	4.5518	1.1341	3.987	1.2465	8.2864	1.24646
4400	-3.6184	-2.3127	4.5681	1.1296	4.037	1.2541	8.4067	1.25407
4500	-3.5197	-2.2015	4.5846	1.1264	4.090	1.2623	8.5391	1.26229
4600	-3.4194	-2.0886	4.6012	1.1241	4.146	1.2710	8.6787	1.27103
4700	-3.3181	-1.9748	4.6178	1.1224	4.202	1.2802	8.8246	1.28022

S/R= 46.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4800	-3.2163	-1.8607	4.6343	1.1213	4.261	1.2898	8.9749	1.28982
4900	-3.1147	-1.7468	4.6506	1.1197	4.318	1.2997	9.1280	1.29974
5000	-3.0123	-1.6322	4.6668	1.1195	4.379	1.3098	9.2871	1.30983
5100	-2.9125	-1.5204	4.6825	1.1207	4.442	1.3202	9.4401	1.32022
5200	-2.8140	-1.4100	4.6979	1.1211	4.504	1.3308	9.5922	1.33079
5300	-2.7171	-1.3013	4.7130	1.1216	4.567	1.3415	9.7429	1.34152
5400	-2.6219	-1.1945	4.7276	1.1223	4.629	1.3523	9.8906	1.35235
5500	-2.5284	-1.0896	4.7419	1.1231	4.693	1.3633	10.0362	1.36328
5600	-2.4371	-0.9870	4.7558	1.1241	4.756	1.3742	10.1775	1.37422
5700	-2.3475	-0.8863	4.7694	1.1251	4.820	1.3852	10.3158	1.38520
5800	-2.2601	-0.7879	4.7826	1.1262	4.884	1.3962	10.4504	1.39622
5900	-2.1745	-0.6914	4.7954	1.1274	4.947	1.4073	10.5819	1.40726
6000	-2.0912	-0.5974	4.8079	1.1287	5.012	1.4182	10.7083	1.41823
6100	-2.0099	-0.5056	4.8200	1.1302	5.076	1.4292	10.8312	1.42917
6200	-1.9308	-0.4161	4.8318	1.1316	5.140	1.4401	10.9498	1.44007
6300	-1.8536	-0.3288	4.8433	1.1330	5.204	1.4509	11.0646	1.45090
6400	-1.7787	-0.2438	4.8544	1.1345	5.268	1.4616	11.1742	1.46160
6500	-1.7055	-0.1607	4.8653	1.1360	5.332	1.4723	11.2807	1.47229
6600	-1.6342	-0.0797	4.8758	1.1376	5.396	1.4829	11.3837	1.48290
6700	-1.5650	-0.0009	4.8861	1.1391	5.459	1.4934	11.4819	1.49336
6800	-1.4973	0.0763	4.8961	1.1406	5.523	1.5038	11.5769	1.50377
6900	-1.4316	0.1512	4.9058	1.1422	5.586	1.5141	11.6679	1.51405
7000	-1.3674	0.2247	4.9154	1.1438	5.649	1.5243	11.7560	1.52426
7100	-1.3051	0.2960	4.9246	1.1456	5.713	1.5344	11.8401	1.53434
7200	-1.2443	0.3656	4.9336	1.1472	5.776	1.5444	11.9207	1.54430
7300	-1.1854	0.4333	4.9424	1.1487	5.838	1.5542	11.9974	1.55409
7400	-1.1276	0.4997	4.9510	1.1503	5.900	1.5640	12.0717	1.56383
7500	-1.0715	0.5643	4.9594	1.1521	5.963	1.5736	12.1423	1.57340
7600	-1.0169	0.6273	4.9675	1.1539	6.025	1.5831	12.2102	1.58286
7700	-0.9638	0.6886	4.9755	1.1558	6.088	1.5924	12.2744	1.59216
7800	-0.9119	0.7486	4.9833	1.1573	6.149	1.6016	12.3358	1.60134
7900	-0.8614	0.8071	4.9909	1.1589	6.210	1.6107	12.3950	1.61041
8000	-0.8120	0.8644	4.9983	1.1607	6.271	1.6197	12.4517	1.61937
8100	-0.7641	0.9201	5.0056	1.1624	6.332	1.6285	12.5051	1.62816
8200	-0.7172	0.9746	5.0127	1.1642	6.393	1.6372	12.5563	1.63684
8300	-0.6717	1.0276	5.0196	1.1661	6.454	1.6458	12.6043	1.64534
8400	-0.6272	1.0796	5.0264	1.1676	6.514	1.6542	12.6504	1.65374
8500	-0.5837	1.1304	5.0330	1.1693	6.573	1.6626	12.6945	1.66201
8600	-0.5414	1.1799	5.0395	1.1714	6.634	1.6707	12.7357	1.67011
8700	-0.5002	1.2282	5.0459	1.1732	6.694	1.6787	12.7741	1.67806
8800	-0.4600	1.2754	5.0521	1.1748	6.752	1.6866	12.8111	1.68590
8900	-0.4206	1.3216	5.0582	1.1765	6.812	1.6944	12.8464	1.69363
9000	-0.3823	1.3668	5.0641	1.1784	6.871	1.7021	12.8790	1.70119
9100	-0.3448	1.4110	5.0700	1.1803	6.929	1.7096	12.9103	1.70865
9200	-0.3083	1.4541	5.0757	1.1823	6.988	1.7170	12.9392	1.71595
9300	-0.2727	1.4962	5.0813	1.1841	7.046	1.7242	12.9657	1.72307
9400	-0.2379	1.5374	5.0868	1.1857	7.103	1.7314	12.9911	1.73011
9500	-0.2038	1.5779	5.0922	1.1875	7.161	1.7384	13.0151	1.73704
9600	-0.1706	1.6174	5.0975	1.1896	7.220	1.7453	13.0371	1.74382
9700	-0.1382	1.6559	5.1026	1.1913	7.276	1.7520	13.0572	1.75045
9800	-0.1065	1.6938	5.1077	1.1931	7.333	1.7587	13.0761	1.75698
9900	-0.0755	1.7307	5.1127	1.1954	7.391	1.7652	13.0931	1.76336
10000	-0.0454	1.7668	5.1176	1.1971	7.447	1.7715	13.1084	1.76958
10100	-0.0158	1.8023	5.1224	1.1989	7.503	1.7778	13.1228	1.77572
10200	0.0131	1.8369	5.1270	1.2007	7.558	1.7839	13.1355	1.78172



S/R= 46.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10300	0.0414	1.8710	5.1317	1.2025	7.614	1.7900	13.1475	1.78764
10400	0.0691	1.9043	5.1362	1.2047	7.671	1.7959	13.1578	1.79341
10500	0.0961	1.9368	5.1407	1.2064	7.725	1.8017	13.1666	1.79905
10600	0.1226	1.9688	5.1450	1.2081	7.780	1.8074	13.1747	1.80461
10700	0.1485	2.0001	5.1494	1.2101	7.835	1.8130	13.1817	1.81003
10800	0.1738	2.0308	5.1536	1.2119	7.889	1.8184	13.1870	1.81532
10900	0.1987	2.0610	5.1577	1.2135	7.943	1.8238	13.1920	1.82055
11000	0.2230	2.0905	5.1618	1.2157	7.997	1.8291	13.1957	1.82564
11100	0.2468	2.1194	5.1658	1.2175	8.051	1.8342	13.1982	1.83062
11200	0.2702	2.1479	5.1698	1.2194	8.105	1.8393	13.2003	1.83554
11300	0.2929	2.1756	5.1737	1.2214	8.159	1.8442	13.2006	1.84027
11400	0.3153	2.2030	5.1775	1.2225	8.209	1.8491	13.2006	1.84495
11500	0.3373	2.2300	5.1813	1.2243	8.262	1.8539	13.2005	1.84958
11600	0.3588	2.2563	5.1850	1.2262	8.315	1.8585	13.1986	1.85405
11700	0.3800	2.2822	5.1886	1.2279	8.366	1.8631	13.1966	1.85846
11800	0.4007	2.3077	5.1922	1.2293	8.417	1.8676	13.1937	1.86278
11900	0.4212	2.3329	5.1958	1.2309	8.468	1.8721	13.1906	1.86704
12000	0.4411	2.3574	5.1993	1.2329	8.520	1.8764	13.1862	1.87116
12100	0.4607	2.3817	5.2028	1.2342	8.570	1.8806	13.1816	1.87522
12200	0.4800	2.4055	5.2062	1.2352	8.618	1.8848	13.1765	1.87921
12300	0.4991	2.4291	5.2095	1.2370	8.669	1.8889	13.1713	1.88315
12400	0.5177	2.4521	5.2128	1.2387	8.719	1.8929	13.1650	1.88696
12500	0.5361	2.4749	5.2161	1.2398	8.768	1.8969	13.1588	1.89075
12600	0.5542	2.4973	5.2194	1.2410	8.816	1.9007	13.1521	1.89446
12700	0.5720	2.5194	5.2226	1.2423	8.864	1.9045	13.1449	1.89810
12800	0.5895	2.5412	5.2257	1.2434	8.912	1.9083	13.1373	1.90166
12900	0.6068	2.5627	5.2289	1.2445	8.959	1.9120	13.1299	1.90520
13000	0.6238	2.5839	5.2319	1.2456	9.006	1.9156	13.1220	1.90866
13100	0.6406	2.6049	5.2350	1.2466	9.053	1.9191	13.1138	1.91206
13200	0.6572	2.6255	5.2380	1.2477	9.100	1.9226	13.1053	1.91540
13300	0.6735	2.6458	5.2410	1.2483	9.145	1.9261	13.0967	1.91868
13400	0.6897	2.6661	5.2440	1.2493	9.191	1.9295	13.0884	1.92196
13500	0.7055	2.6859	5.2469	1.2503	9.236	1.9328	13.0794	1.92514
13600	0.7213	2.7056	5.2498	1.2506	9.280	1.9361	13.0706	1.92832
13700	0.7369	2.7251	5.2527	1.2511	9.323	1.9393	13.0618	1.93146
13800	0.7523	2.7443	5.2556	1.2516	9.367	1.9425	13.0529	1.93453
13900	0.7676	2.7635	5.2584	1.2518	9.409	1.9457	13.0444	1.93763
14000	0.7827	2.7824	5.2613	1.2529	9.454	1.9488	13.0356	1.94062
14100	0.7975	2.8011	5.2641	1.2535	9.498	1.9518	13.0267	1.94365
14200	0.8123	2.8196	5.2668	1.2532	9.538	1.9549	13.0181	1.94662
14300	0.8270	2.8379	5.2696	1.2535	9.580	1.9578	13.0093	1.94955
14400	0.8415	2.8561	5.2723	1.2538	9.622	1.9608	13.0007	1.95246
14500	0.8558	2.8741	5.2750	1.2540	9.663	1.9637	12.9921	1.95534
14600	0.8700	2.8919	5.2777	1.2539	9.703	1.9665	12.9836	1.95819
14700	0.8842	2.9097	5.2804	1.2539	9.743	1.9694	12.9755	1.96106
14800	0.8982	2.9273	5.2831	1.2538	9.783	1.9722	12.9673	1.96387
14900	0.9122	2.9448	5.2858	1.2533	9.821	1.9750	12.9595	1.96671
15000	0.9260	2.9622	5.2884	1.2531	9.860	1.9777	12.9519	1.96952

S/R= 46.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1900	-6.7510	-5.8862	4.0288	1.0935	2.391	1.0524	5.5245	1.05241
2000	-6.4229	-5.5275	4.0934	1.0940	2.478	1.0729	6.1994	1.07294
2100	-6.1087	-5.1836	4.1510	1.0962	2.566	1.0942	6.7413	1.09418

S/R= 46.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	1/RT	Z*
2200	-5.8183	-4.8647	4.2014	1.1006	2.657	1.1151	7.2279	1.11514
2300	-5.5580	-4.5774	4.2449	1.1073	2.749	1.1350	7.5409	1.13497
2400	-5.3314	-4.3256	4.2818	1.1170	2.843	1.1529	7.9716	1.15293
2500	-5.1409	-4.1116	4.3125	1.1308	2.939	1.1684	8.2134	1.16836
2600	-4.9863	-3.9353	4.3374	1.1502	3.039	1.1808	8.3646	1.18082
2700	-4.8652	-3.7944	4.3573	1.1766	3.144	1.1901	8.4317	1.19010
2800	-4.7714	-3.6825	4.3731	1.2093	3.254	1.1966	8.4329	1.19656
2900	-4.6975	-3.5917	4.3861	1.2405	3.361	1.2008	8.3881	1.20084
3000	-4.6361	-3.5147	4.3971	1.2660	3.458	1.2037	8.3178	1.20367
3100	-4.5821	-3.4457	4.4072	1.2799	3.537	1.2056	8.2382	1.20562
3200	-4.5315	-3.3807	4.4167	1.2811	3.597	1.2071	8.1580	1.20714
3300	-4.4818	-3.3171	4.4262	1.2721	3.642	1.2085	8.0850	1.20854
3400	-4.4310	-3.2528	4.4359	1.2564	3.676	1.2100	8.0240	1.21003
3500	-4.3775	-3.1862	4.4459	1.2367	3.704	1.2118	7.9776	1.21178
3600	-4.3201	-3.1158	4.4567	1.2163	3.728	1.2140	7.9501	1.21397
3700	-4.2578	-3.0406	4.4682	1.1969	3.754	1.2167	7.9425	1.21671
3800	-4.1897	-2.9597	4.4805	1.1797	3.782	1.2201	7.9579	1.22012
3900	-4.1156	-2.8728	4.4939	1.1654	3.815	1.2243	7.9952	1.22429
4000	-4.0355	-2.7800	4.5081	1.1536	3.851	1.2292	8.0540	1.22923
4100	-3.9497	-2.6814	4.5231	1.1443	3.893	1.2350	8.1338	1.23497
4200	-3.8589	-2.5778	4.5387	1.1371	3.938	1.2415	8.2318	1.24148
4300	-3.7637	-2.4699	4.5550	1.1316	3.986	1.2487	8.3466	1.24873
4400	-3.6654	-2.3589	4.5715	1.1275	4.038	1.2566	8.4732	1.25663
4500	-3.5645	-2.2453	4.5883	1.1245	4.092	1.2651	8.6115	1.26513
4600	-3.4621	-2.1303	4.6051	1.1225	4.148	1.2741	8.7566	1.27414
4700	-3.3589	-2.0145	4.6219	1.1210	4.205	1.2836	8.9075	1.28359
4800	-3.2554	-1.8985	4.6385	1.1200	4.264	1.2934	9.0623	1.29344
4900	-3.1522	-1.7830	4.6549	1.1186	4.323	1.3036	9.2195	1.30360
5000	-3.0484	-1.6670	4.6713	1.1186	4.384	1.3139	9.3820	1.31392
5100	-2.9473	-1.5538	4.6870	1.1198	4.448	1.3245	9.5384	1.32452
5200	-2.8477	-1.4423	4.7025	1.1203	4.510	1.3353	9.6933	1.33530
5300	-2.7497	-1.3325	4.7176	1.1209	4.573	1.3462	9.8465	1.34623
5400	-2.6536	-1.2247	4.7322	1.1216	4.636	1.3572	9.9965	1.35724
5500	-2.5593	-1.1188	4.7466	1.1226	4.700	1.3684	10.1442	1.36836
5600	-2.4672	-1.0154	4.7605	1.1236	4.764	1.3795	10.2872	1.37946
5700	-2.3770	-0.9140	4.7740	1.1246	4.828	1.3906	10.4271	1.39061
5800	-2.2889	-0.8150	4.7872	1.1257	4.892	1.4018	10.5631	1.40179
5900	-2.2028	-0.7179	4.8001	1.1270	4.957	1.4130	10.6958	1.41297
6000	-2.1190	-0.6234	4.8125	1.1283	5.021	1.4241	10.8232	1.42409
6100	-2.0372	-0.5312	4.8246	1.1298	5.086	1.4352	10.9469	1.43517
6200	-1.9577	-0.4412	4.8364	1.1313	5.150	1.4462	11.0665	1.44620
6300	-1.8802	-0.3535	4.8479	1.1328	5.215	1.4572	11.1818	1.45716
6400	-1.8049	-0.2681	4.8590	1.1343	5.279	1.4680	11.2921	1.46798
6500	-1.7314	-0.1848	4.8698	1.1357	5.343	1.4788	11.3990	1.47878
6600	-1.6599	-0.1034	4.8803	1.1374	5.407	1.4895	11.5023	1.48949
6700	-1.5905	-0.0244	4.8906	1.1389	5.471	1.5001	11.6008	1.50006
6800	-1.5226	0.0530	4.9005	1.1404	5.535	1.5106	11.6960	1.51058
6900	-1.4567	0.1281	4.9103	1.1421	5.599	1.5210	11.7870	1.52095
7000	-1.3923	0.2017	4.9197	1.1437	5.662	1.5313	11.8752	1.53125
7100	-1.3299	0.2731	4.9290	1.1455	5.726	1.5415	11.9592	1.54142
7200	-1.2691	0.3429	4.9380	1.1472	5.789	1.5516	12.0397	1.55146
7300	-1.2100	0.4107	4.9467	1.1487	5.851	1.5615	12.1164	1.56133
7400	-1.1522	0.4772	4.9553	1.1503	5.914	1.5713	12.1904	1.57114
7500	-1.0960	0.5418	4.9636	1.1521	5.977	1.5809	12.2605	1.58079
7600	-1.0413	0.6049	4.9717	1.1539	6.039	1.5905	12.3282	1.59031

S/R= 46.4

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7700	-0.9882	0.6662	4.9796	1.1558	6.102	1.5999	12.3922	1.59968
7800	-0.9363	0.7262	4.9874	1.1574	6.163	1.6092	12.4533	1.60891
7900	-0.8858	0.7848	4.9950	1.1589	6.225	1.6183	12.5119	1.61804
8000	-0.8364	0.8420	5.0024	1.1607	6.286	1.6274	12.5681	1.62705
8100	-0.7885	0.8977	5.0095	1.1625	6.348	1.6362	12.6209	1.63588
8200	-0.7417	0.9521	5.0166	1.1643	6.409	1.6450	12.6715	1.64460
8300	-0.6962	1.0052	5.0235	1.1662	6.470	1.6536	12.7193	1.65315
8400	-0.6517	1.0570	5.0303	1.1678	6.529	1.6621	12.7645	1.66158
8500	-0.6083	1.1078	5.0369	1.1695	6.590	1.6704	12.8079	1.66988
8600	-0.5660	1.1573	5.0433	1.1716	6.650	1.6786	12.8483	1.67802
8700	-0.5250	1.2054	5.0496	1.1735	6.710	1.6866	12.8860	1.68599
8800	-0.4848	1.2526	5.0558	1.1750	6.769	1.6946	12.9222	1.69385
8900	-0.4456	1.2987	5.0619	1.1768	6.828	1.7024	12.9567	1.70160
9000	-0.4074	1.3437	5.0678	1.1787	6.888	1.7100	12.9886	1.70917
9100	-0.3700	1.3878	5.0736	1.1806	6.946	1.7176	13.0189	1.71665
9200	-0.3336	1.4308	5.0793	1.1827	7.006	1.7250	13.0469	1.72395
9300	-0.2981	1.4728	5.0848	1.1845	7.064	1.7322	13.0726	1.73108
9400	-0.2635	1.5139	5.0903	1.1861	7.121	1.7393	13.0973	1.73812
9500	-0.2295	1.5542	5.0957	1.1880	7.179	1.7463	13.1201	1.74505
9600	-0.1964	1.5936	5.1009	1.1901	7.237	1.7532	13.1411	1.75182
9700	-0.1642	1.6319	5.1060	1.1918	7.294	1.7599	13.1602	1.75844
9800	-0.1326	1.6696	5.1111	1.1937	7.351	1.7665	13.1782	1.76497
9900	-0.1018	1.7064	5.1160	1.1959	7.409	1.7730	13.1941	1.77133
10000	-0.0718	1.7424	5.1209	1.1976	7.465	1.7793	13.2084	1.77754
10100	-0.0423	1.7777	5.1255	1.1995	7.521	1.7856	13.2217	1.78365
10200	-0.0136	1.8121	5.1303	1.2013	7.577	1.7917	13.2334	1.78963
10300	0.0146	1.8460	5.1349	1.2031	7.632	1.7977	13.2442	1.79553
10400	0.0421	1.8791	5.1394	1.2054	7.689	1.8036	13.2535	1.80127
10500	0.0689	1.9115	5.1438	1.2070	7.744	1.8093	13.2613	1.80688
10600	0.0953	1.9433	5.1481	1.2087	7.798	1.8150	13.2683	1.81241
10700	0.1210	1.9744	5.1524	1.2109	7.854	1.8205	13.2740	1.81780
10800	0.1461	2.0049	5.1566	1.2126	7.908	1.8259	13.2784	1.82305
10900	0.1708	2.0349	5.1607	1.2143	7.961	1.8313	13.2822	1.82824
11000	0.1950	2.0642	5.1648	1.2164	8.016	1.8365	13.2849	1.83330
11100	0.2186	2.0930	5.1687	1.2182	8.070	1.8416	13.2863	1.83825
11200	0.2418	2.1212	5.1727	1.2202	8.124	1.8466	13.2872	1.84312
11300	0.2644	2.1488	5.1765	1.2222	8.177	1.8515	13.2866	1.84781
11400	0.2866	2.1760	5.1803	1.2233	8.227	1.8563	13.2855	1.85244
11500	0.3085	2.2028	5.1840	1.2252	8.280	1.8610	13.2842	1.85703
11600	0.3298	2.2289	5.1877	1.2271	8.333	1.8656	13.2812	1.86145
11700	0.3508	2.2547	5.1913	1.2287	8.385	1.8701	13.2781	1.86582
11800	0.3714	2.2800	5.1949	1.2300	8.435	1.8745	13.2742	1.87009
11900	0.3917	2.3050	5.1984	1.2316	8.486	1.8789	13.2702	1.87431
12000	0.4115	2.3294	5.2019	1.2337	8.538	1.8831	13.2648	1.87839
12100	0.4310	2.3535	5.2053	1.2348	8.587	1.8873	13.2593	1.88240
12200	0.4501	2.3771	5.2087	1.2360	8.636	1.8914	13.2531	1.88634
12300	0.4690	2.4005	5.2120	1.2378	8.687	1.8955	13.2470	1.89025
12400	0.4875	2.4234	5.2153	1.2394	8.737	1.8994	13.2397	1.89400
12500	0.5058	2.4460	5.2186	1.2403	8.784	1.9033	13.2326	1.89775
12600	0.5237	2.4683	5.2218	1.2417	8.833	1.9071	13.2248	1.90141
12700	0.5414	2.4903	5.2249	1.2431	8.882	1.9108	13.2168	1.90500
12800	0.5588	2.5119	5.2281	1.2439	8.928	1.9145	13.2083	1.90852
12900	0.5760	2.5333	5.2312	1.2449	8.975	1.9181	13.2001	1.91202
13000	0.5929	2.5544	5.2342	1.2459	9.022	1.9217	13.1916	1.91546
13100	0.6096	2.5752	5.2373	1.2470	9.068	1.9251	13.1827	1.91882

S/R= 46.4

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/T	Z*
13200	0.6261	2.5957	5.2403	1.2492	9.115	1.9286	13.1734	1.92212
13300	0.6423	2.6160	5.2432	1.2497	9.160	1.9319	13.1640	1.92537
13400	0.6584	2.6360	5.2462	1.2497	9.206	1.9352	13.1549	1.92860
13500	0.6741	2.6558	5.2491	1.2507	9.251	1.9385	13.1452	1.93175
13600	0.6899	2.6754	5.2520	1.2508	9.294	1.9417	13.1355	1.93489
13700	0.7053	2.6948	5.2549	1.2513	9.337	1.9449	13.1263	1.93800
13800	0.7206	2.7139	5.2577	1.2519	9.381	1.9480	13.1167	1.94104
13900	0.7358	2.7330	5.2605	1.2518	9.422	1.9511	13.1075	1.94411
14000	0.7509	2.7518	5.2633	1.2529	9.467	1.9541	13.0982	1.94708
14100	0.7657	2.7704	5.2661	1.2536	9.511	1.9572	13.0887	1.95008
14200	0.7804	2.7889	5.2689	1.2530	9.550	1.9601	13.0795	1.95304
14300	0.7950	2.8072	5.2716	1.2532	9.592	1.9631	13.0703	1.95596
14400	0.8095	2.8253	5.2744	1.2537	9.634	1.9660	13.0613	1.95885
14500	0.8239	2.8432	5.2771	1.2539	9.675	1.9688	13.0522	1.96171
14600	0.8380	2.8610	5.2797	1.2537	9.714	1.9716	13.0432	1.96454
14700	0.8521	2.8787	5.2824	1.2536	9.754	1.9744	13.0347	1.96740
14800	0.8661	2.8962	5.2851	1.2535	9.794	1.9771	13.0260	1.97020
14900	0.8800	2.9137	5.2877	1.2530	9.831	1.9798	13.0179	1.97302
15000	0.8938	2.9310	5.2904	1.2527	9.870	1.9825	13.0098	1.97582

S/R= 46.6

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/T	Z*
1900	-6.8022	-5.9343	4.0352	1.0927	2.393	1.0550	5.7080	1.05500
2000	-6.4678	-5.5711	4.0998	1.0934	2.480	1.0760	6.7913	1.07595
2100	-6.1513	-5.2249	4.1571	1.0959	2.570	1.0975	6.8370	1.09748
2200	-5.8603	-4.9054	4.2071	1.1007	2.661	1.1185	7.8231	1.11858
2300	-5.6010	-4.6191	4.2500	1.1079	2.754	1.1384	7.7318	1.13840
2400	-5.3768	-4.3697	4.2862	1.1182	2.849	1.1562	8.7541	1.15620
2500	-5.1900	-4.1595	4.3162	1.1330	2.946	1.1713	8.7841	1.17130
2600	-5.0400	-3.9881	4.3403	1.1540	3.047	1.1833	8.8209	1.18327
2700	-4.9237	-3.8522	4.3594	1.1822	3.154	1.1920	8.8732	1.19200
2800	-4.8340	-3.7445	4.3745	1.2154	3.265	1.1980	8.8618	1.19796
2900	-4.7630	-3.6569	4.3871	1.2476	3.372	1.2018	8.8077	1.20183
3000	-4.7036	-3.5819	4.3978	1.2714	3.466	1.2044	8.7316	1.20438
3100	-4.6506	-3.5139	4.4077	1.2827	3.541	1.2062	8.6485	1.20617
3200	-4.6003	-3.4494	4.4172	1.2811	3.598	1.2076	8.5572	1.20760
3300	-4.5504	-3.3856	4.4267	1.2700	3.640	1.2090	8.0944	1.20897
3400	-4.4990	-3.3207	4.4365	1.2526	3.672	1.2105	8.0350	1.21048
3500	-4.4445	-3.2530	4.4467	1.2321	3.697	1.2123	7.9912	1.21231
3600	-4.3857	-3.1811	4.4576	1.2114	3.722	1.2146	7.9676	1.21461
3700	-4.3215	-3.1039	4.4694	1.1919	3.747	1.2175	7.9548	1.21751
3800	-4.2512	-3.0208	4.4821	1.1751	3.776	1.2211	7.9861	1.22112
3900	-4.1747	-2.9314	4.4958	1.1613	3.810	1.2255	8.0298	1.22551
4000	-4.0920	-2.8359	4.5103	1.1500	3.848	1.2307	8.0955	1.23071
4100	-4.0035	-2.7346	4.5257	1.1412	3.890	1.2367	8.1824	1.23674
4200	-3.9101	-2.6283	4.5417	1.1344	3.936	1.2435	8.2874	1.24353
4300	-3.8124	-2.5178	4.5582	1.1293	3.986	1.2511	8.4089	1.25107
4400	-3.7117	-2.4042	4.5750	1.1256	4.038	1.2593	8.5419	1.25926
4500	-3.6085	-2.2983	4.5920	1.1228	4.093	1.2680	8.6861	1.26804
4600	-3.5041	-2.1711	4.6090	1.1210	4.150	1.2773	8.8365	1.27733
4700	-3.3990	-2.0534	4.6260	1.1197	4.208	1.2870	8.9923	1.28704
4800	-3.2938	-1.9357	4.6427	1.1189	4.268	1.2971	9.1515	1.29713
4900	-3.1890	-1.8185	4.6593	1.1176	4.327	1.3075	9.3126	1.30753
5000	-3.0839	-1.7011	4.6757	1.1176	4.389	1.3181	9.4785	1.31807

S/R= 46.6

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5100	-2.9815	-1.5866	4.6915	1.1190	4.453	1.3289	9.5381	1.32889
5200	-2.8808	-1.4739	4.7070	1.1195	4.516	1.3399	9.7958	1.33988
5300	-2.7818	-1.3631	4.7222	1.1202	4.580	1.3510	9.9515	1.35100
5400	-2.6848	-1.2543	4.7369	1.1210	4.644	1.3622	10.1037	1.36220
5500	-2.5897	-1.1476	4.7512	1.1220	4.708	1.3735	10.2534	1.37349
5600	-2.4969	-1.0435	4.7651	1.1230	4.772	1.3848	10.3981	1.38476
5700	-2.4060	-0.9413	4.7787	1.1241	4.837	1.3961	10.5395	1.39607
5800	-2.3174	-0.8417	4.7919	1.1253	4.901	1.4074	10.6767	1.40740
5900	-2.2307	-0.7441	4.8047	1.1265	4.966	1.4187	10.8105	1.41873
6000	-2.1464	-0.6491	4.8171	1.1280	5.031	1.4300	10.9391	1.42999
6100	-2.0642	-0.5563	4.8292	1.1295	5.096	1.4412	11.0635	1.44120
6200	-1.9843	-0.4660	4.8410	1.1310	5.161	1.4524	11.1839	1.45236
6300	-1.9065	-0.3779	4.8524	1.1325	5.225	1.4635	11.2997	1.46344
6400	-1.8309	-0.2922	4.8635	1.1340	5.290	1.4744	11.4104	1.47438
6500	-1.7571	-0.2085	4.8743	1.1355	5.354	1.4853	11.5179	1.48530
6600	-1.6853	-0.1270	4.8848	1.1372	5.419	1.4962	11.6213	1.49612
6700	-1.6157	-0.0477	4.8950	1.1387	5.483	1.5069	11.7202	1.50679
6800	-1.5476	0.0299	4.9050	1.1403	5.547	1.5175	11.8155	1.51740
6900	-1.4816	0.1052	4.9146	1.1420	5.611	1.5279	11.9065	1.52787
7000	-1.4171	0.1789	4.9241	1.1436	5.675	1.5383	11.9947	1.53826
7100	-1.3545	0.2505	4.9333	1.1454	5.739	1.5486	12.0788	1.54851
7200	-1.2936	0.3204	4.9422	1.1471	5.802	1.5587	12.1591	1.55863
7300	-1.2344	0.3883	4.9509	1.1486	5.865	1.5687	12.2355	1.56858
7400	-1.1765	0.4548	4.9595	1.1502	5.928	1.5786	12.3093	1.57846
7500	-1.1204	0.5195	4.9678	1.1521	5.991	1.5883	12.3792	1.58817
7600	-1.0656	0.5826	4.9759	1.1539	6.054	1.5979	12.4465	1.59776
7700	-1.0125	0.6440	4.9838	1.1558	6.116	1.6074	12.5101	1.60719
7800	-0.9606	0.7040	4.9915	1.1574	6.178	1.6167	12.5707	1.61648
7900	-0.9101	0.7625	4.9990	1.1590	6.239	1.6259	12.6287	1.62566
8000	-0.8607	0.8197	5.0064	1.1608	6.301	1.6350	12.6844	1.63472
8100	-0.8128	0.8754	5.0135	1.1627	6.363	1.6439	12.7368	1.64360
8200	-0.7661	0.9298	5.0206	1.1645	6.424	1.6527	12.7868	1.65236
8300	-0.7206	0.9828	5.0274	1.1663	6.485	1.6613	12.8336	1.66094
8400	-0.6762	1.0346	5.0341	1.1680	6.545	1.6699	12.8782	1.66940
8500	-0.6329	1.0853	5.0407	1.1697	6.606	1.6782	12.9210	1.67774
8600	-0.5907	1.1346	5.0471	1.1718	6.667	1.6865	12.9606	1.68589
8700	-0.5497	1.1827	5.0534	1.1737	6.727	1.6945	12.9975	1.69388
8800	-0.5097	1.2297	5.0595	1.1753	6.786	1.7024	13.0329	1.70177
8900	-0.4705	1.2758	5.0656	1.1771	6.845	1.7103	13.0666	1.70953
9000	-0.4324	1.3207	5.0714	1.1790	6.904	1.7179	13.0976	1.71711
9100	-0.3952	1.3646	5.0772	1.1810	6.964	1.7255	13.1270	1.72459
9200	-0.3589	1.4075	5.0829	1.1831	7.023	1.7329	13.1541	1.73190
9300	-0.3236	1.4493	5.0884	1.1849	7.081	1.7401	13.1788	1.73904
9400	-0.2890	1.4903	5.0938	1.1865	7.138	1.7472	13.2022	1.74607
9500	-0.2552	1.5305	5.0991	1.1884	7.197	1.7542	13.2243	1.75300
9600	-0.2223	1.5696	5.1043	1.1906	7.255	1.7610	13.2444	1.75976
9700	-0.1902	1.6079	5.1094	1.1923	7.312	1.7677	13.2625	1.76636
9800	-0.1587	1.6454	5.1144	1.1942	7.369	1.7744	13.2793	1.77287
9900	-0.1281	1.6820	5.1193	1.1965	7.427	1.7808	13.2943	1.77922
10000	-0.0982	1.7178	5.1241	1.1982	7.483	1.7871	13.3073	1.78541
10100	-0.0689	1.7529	5.1288	1.2001	7.539	1.7933	13.3196	1.79150
10200	-0.0404	1.7872	5.1334	1.2019	7.595	1.7994	13.3302	1.79745
10300	-0.0124	1.8209	5.1380	1.2038	7.651	1.8054	13.3400	1.80332
10400	0.0149	1.8538	5.1425	1.2060	7.708	1.8112	13.3481	1.80903
10500	0.0416	1.8859	5.1468	1.2078	7.762	1.8169	13.3547	1.81460

S/R= 46.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10600	0.0678	1.9176	5.1511	1.2095	7.817	1.8225	13.3605	1.82010
10700	0.0933	1.9485	5.1554	1.2116	7.872	1.8280	13.3652	1.82545
10800	0.1183	1.9788	5.1595	1.2134	7.926	1.8333	13.3684	1.83066
10900	0.1428	2.0086	5.1636	1.2150	7.980	1.8386	13.3711	1.83581
11000	0.1668	2.0377	5.1676	1.2172	8.035	1.8438	13.3727	1.84093
11100	0.1902	2.0663	5.1716	1.2190	8.088	1.8488	13.3731	1.84573
11200	0.2133	2.0944	5.1754	1.2210	8.142	1.8538	13.3729	1.85056
11300	0.2357	2.1218	5.1792	1.2230	8.195	1.8586	13.3712	1.85521
11400	0.2577	2.1487	5.1830	1.2241	8.246	1.8633	13.3688	1.85980
11500	0.2794	2.1754	5.1867	1.2260	8.299	1.8680	13.3664	1.86433
11600	0.3006	2.2013	5.1903	1.2280	8.352	1.8725	13.3624	1.86871
11700	0.3214	2.2269	5.1939	1.2295	8.403	1.8769	13.3582	1.87302
11800	0.3418	2.2520	5.1975	1.2309	8.453	1.8812	13.3533	1.87724
11900	0.3620	2.2768	5.2010	1.2324	8.504	1.8856	13.3482	1.88142
12000	0.3815	2.3011	5.2044	1.2344	8.556	1.8898	13.3419	1.88545
12100	0.4010	2.3250	5.2078	1.2355	8.605	1.8939	13.3353	1.88943
12200	0.4200	2.3485	5.2111	1.2367	8.653	1.8979	13.3282	1.89332
12300	0.4388	2.3717	5.2144	1.2386	8.705	1.9019	13.3211	1.89717
12400	0.4571	2.3944	5.2177	1.2402	8.754	1.9057	13.3129	1.90088
12500	0.4752	2.4169	5.2209	1.2410	8.801	1.9096	13.3048	1.90457
12600	0.4931	2.4391	5.2241	1.2423	8.850	1.9133	13.2963	1.90819
12700	0.5106	2.4609	5.2272	1.2437	8.898	1.9169	13.2874	1.91173
12800	0.5279	2.4823	5.2303	1.2445	8.944	1.9205	13.2780	1.91520
12900	0.5451	2.5036	5.2334	1.2454	8.991	1.9241	13.2688	1.91866
13000	0.5618	2.5246	5.2365	1.2464	9.037	1.9276	13.2595	1.92205
13100	0.5784	2.5453	5.2395	1.2472	9.083	1.9310	13.2498	1.92539
13200	0.5948	2.5657	5.2425	1.2484	9.130	1.9343	13.2399	1.92866
13300	0.6109	2.5858	5.2454	1.2491	9.175	1.9376	13.2299	1.93187
13400	0.6269	2.6058	5.2483	1.2500	9.220	1.9409	13.2199	1.93507
13500	0.6426	2.6255	5.2512	1.2509	9.265	1.9441	13.2095	1.93818
13600	0.6582	2.6450	5.2541	1.2511	9.308	1.9472	13.1995	1.94129
13700	0.6736	2.6643	5.2569	1.2515	9.351	1.9503	13.1894	1.94436
13800	0.6888	2.6833	5.2598	1.2520	9.394	1.9534	13.1793	1.94738
13900	0.7039	2.7023	5.2626	1.2518	9.435	1.9564	13.1693	1.95042
14000	0.7189	2.7210	5.2654	1.2528	9.480	1.9594	13.1595	1.95336
14100	0.7337	2.7395	5.2681	1.2536	9.524	1.9624	13.1495	1.95634
14200	0.7484	2.7579	5.2709	1.2530	9.562	1.9653	13.1398	1.95927
14300	0.7629	2.7762	5.2736	1.2530	9.603	1.9681	13.1302	1.96217
14400	0.7773	2.7942	5.2763	1.2534	9.645	1.9710	13.1205	1.96505
14500	0.7916	2.8121	5.2790	1.2536	9.686	1.9738	13.1111	1.96791
14600	0.8058	2.8299	5.2817	1.2533	9.725	1.9765	13.1017	1.97073
14700	0.8199	2.8475	5.2844	1.2533	9.765	1.9793	13.0929	1.97357
14800	0.8338	2.8650	5.2870	1.2531	9.804	1.9820	13.0837	1.97636
14900	0.8477	2.8824	5.2896	1.2527	9.842	1.9846	13.0752	1.97917
15000	0.8615	2.8997	5.2923	1.2525	9.881	1.9873	13.0668	1.98196

S/R= 46.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1900	-6.8485	-5.9816	4.0417	1.0920	2.395	1.0576	5.7931	1.05764
2000	-6.5121	-5.6142	4.1062	1.0929	2.483	1.0790	6.3845	1.07900
2100	-6.1936	-5.2658	4.1632	1.0957	2.574	1.1008	6.9334	1.10078
2200	-5.9023	-4.9460	4.2127	1.1008	2.666	1.1220	7.4184	1.12202
2300	-5.6441	-4.6609	4.2550	1.1085	2.759	1.1418	7.8219	1.14182
2400	-5.4227	-4.4144	4.2906	1.1196	2.854	1.1594	8.1351	1.15941

S/R= 46.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2500	-5.2399	-4.2083	4.3197	1.1356	2.952	1.1741	8.3523	1.17413
2600	-5.0947	-4.0420	4.3431	1.1582	3.056	1.1856	8.4740	1.18559
2700	-4.9831	-3.9110	4.3614	1.1883	3.165	1.1938	8.5117	1.19377
2800	-4.9974	-3.8075	4.3760	1.2227	3.277	1.1992	8.4880	1.19922
2900	-4.9292	-3.7228	4.3880	1.2545	3.383	1.2027	8.4254	1.20273
3000	-4.7715	-3.6495	4.3985	1.2763	3.474	1.2050	8.3439	1.20503
3100	-4.7192	-3.5824	4.4083	1.2847	3.545	1.2067	8.2583	1.20667
3200	-4.6692	-3.5181	4.4177	1.2806	3.598	1.2080	8.1759	1.20803
3300	-4.6190	-3.4541	4.4272	1.2674	3.637	1.2094	8.1038	1.20938
3400	-4.5669	-3.3884	4.4371	1.2485	3.666	1.2109	8.0461	1.21092
3500	-4.5112	-3.3195	4.4475	1.2272	3.691	1.2128	8.0054	1.21283
3600	-4.4508	-3.2460	4.4586	1.2063	3.715	1.2153	7.9860	1.21526
3700	-4.3847	-3.1668	4.4707	1.1870	3.741	1.2183	7.9884	1.21833
3800	-4.3121	-3.0814	4.4837	1.1706	3.771	1.2222	8.0158	1.22216
3900	-4.2331	-2.9894	4.4977	1.1573	3.805	1.2268	8.0663	1.22679
4000	-4.1477	-2.8911	4.5126	1.1465	3.844	1.2323	8.1390	1.23226
4100	-4.0565	-2.7870	4.5283	1.1382	3.888	1.2386	8.2331	1.23857
4200	-3.9605	-2.6780	4.5447	1.1318	3.935	1.2457	8.3451	1.24566
4300	-3.8602	-2.5648	4.5615	1.1271	3.986	1.2535	8.4734	1.25349
4400	-3.7571	-2.4488	4.5786	1.1237	4.039	1.2620	8.6127	1.26197
4500	-3.6517	-2.3305	4.5959	1.1212	4.095	1.2710	8.7627	1.27103
4600	-3.5453	-2.2112	4.6130	1.1196	4.153	1.2806	8.9185	1.28059
4700	-3.4383	-2.0916	4.6301	1.1184	4.212	1.2906	9.0790	1.29056
4800	-3.3315	-1.9721	4.6470	1.1178	4.272	1.3009	9.2425	1.30090
4900	-3.2252	-1.8534	4.6637	1.1166	4.332	1.3115	9.4076	1.31153
5000	-3.1187	-1.7346	4.6802	1.1168	4.394	1.3223	9.5768	1.32230
5100	-3.0152	-1.6188	4.6961	1.1182	4.459	1.3333	9.7393	1.33333
5200	-2.9134	-1.5050	4.7116	1.1188	4.523	1.3445	9.8998	1.34451
5300	-2.8134	-1.3931	4.7268	1.1196	4.587	1.3558	10.0579	1.35583
5400	-2.7155	-1.2835	4.7415	1.1204	4.651	1.3672	10.2122	1.36720
5500	-2.6196	-1.1759	4.7559	1.1215	4.716	1.3787	10.3636	1.37867
5600	-2.5261	-1.0710	4.7698	1.1226	4.780	1.3901	10.5099	1.39011
5700	-2.4346	-0.9683	4.7833	1.1237	4.845	1.4016	10.6528	1.40158
5800	-2.3454	-0.8680	4.7965	1.1249	4.910	1.4131	10.7914	1.41305
5900	-2.2582	-0.7698	4.8093	1.1262	4.975	1.4245	10.9262	1.42453
6000	-2.1735	-0.6743	4.8217	1.1276	5.040	1.4359	11.0556	1.43593
6100	-2.0909	-0.5812	4.8338	1.1292	5.106	1.4473	11.1809	1.44727
6200	-2.0106	-0.4904	4.8455	1.1307	5.171	1.4586	11.3020	1.45856
6300	-1.9325	-0.4020	4.8569	1.1322	5.236	1.4698	11.4184	1.46976
6400	-1.8566	-0.3160	4.8680	1.1337	5.301	1.4808	11.5294	1.48081
6500	-1.7826	-0.2321	4.8788	1.1353	5.365	1.4919	11.6373	1.49184
6600	-1.7105	-0.1502	4.8892	1.1370	5.431	1.5028	11.7409	1.50277
6700	-1.6407	-0.0708	4.8994	1.1385	5.495	1.5136	11.8399	1.51354
6800	-1.5724	0.0070	4.9093	1.1402	5.559	1.5243	11.9354	1.52425
6900	-1.5063	0.0825	4.9190	1.1418	5.623	1.5349	12.0264	1.53480
7000	-1.4416	0.1563	4.9284	1.1434	5.687	1.5454	12.1146	1.54529
7100	-1.3790	0.2281	4.9376	1.1453	5.752	1.5557	12.1986	1.55562
7200	-1.3179	0.2980	4.9465	1.1470	5.815	1.5659	12.2787	1.56582
7300	-1.2587	0.3660	4.9552	1.1486	5.878	1.5760	12.3548	1.57584
7400	-1.2008	0.4326	4.9636	1.1503	5.941	1.5859	12.4284	1.58579
7500	-1.1446	0.4973	4.9719	1.1521	6.005	1.5957	12.4980	1.59557
7600	-1.0898	0.5605	4.9800	1.1539	6.068	1.6054	12.5648	1.60522
7700	-1.0366	0.6218	4.9878	1.1558	6.131	1.6149	12.6278	1.61471
7800	-0.9848	0.6818	4.9955	1.1575	6.193	1.6243	12.6880	1.62405
7900	-0.9343	0.7404	5.0030	1.1591	6.254	1.6335	12.7455	1.63328

S/R= 46.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8000	-0.8850	0.7975	5.0103	1.1609	6.316	1.6427	12.8507	1.64238
8100	-0.8371	0.8532	5.0175	1.1628	6.378	1.6516	12.8524	1.65130
8200	-0.7904	0.9075	5.0245	1.1646	6.439	1.6604	12.8517	1.66010
8300	-0.7450	0.9604	5.0313	1.1665	6.501	1.6691	12.8478	1.66871
8400	-0.7007	1.0121	5.0379	1.1682	6.561	1.6776	12.8418	1.67721
8500	-0.6574	1.0627	5.0445	1.1699	6.622	1.6860	13.0337	1.68557
8600	-0.6153	1.1120	5.0509	1.1721	6.683	1.6943	13.0727	1.69374
8700	-0.5744	1.1600	5.0571	1.1740	6.743	1.7023	13.0888	1.70175
8800	-0.5345	1.2069	5.0632	1.1757	6.802	1.7103	13.0433	1.70965
8900	-0.4955	1.2528	5.0692	1.1774	6.862	1.7181	13.0759	1.71742
9000	-0.4575	1.2976	5.0750	1.1794	6.921	1.7258	13.0260	1.72501
9100	-0.4203	1.3414	5.0808	1.1814	6.981	1.7332	13.0345	1.73250
9200	-0.3842	1.3841	5.0864	1.1835	7.040	1.7407	13.0607	1.73980
9300	-0.3490	1.4258	5.0918	1.1854	7.098	1.7479	13.0844	1.74693
9400	-0.3147	1.4666	5.0972	1.1870	7.156	1.7550	13.0668	1.75396
9500	-0.2810	1.5066	5.1025	1.1889	7.214	1.7620	13.0278	1.76088
9600	-0.2482	1.5456	5.1076	1.1912	7.273	1.7688	13.0468	1.76762
9700	-0.2163	1.5837	5.1127	1.1929	7.330	1.7755	13.0538	1.77421
9800	-0.1850	1.6210	5.1177	1.1948	7.387	1.7821	13.0796	1.78070
9900	-0.1545	1.6575	5.1225	1.1971	7.445	1.7885	13.0934	1.78702
10000	-0.1243	1.6930	5.1273	1.1988	7.501	1.7948	13.0054	1.79319
10100	-0.0957	1.7280	5.1320	1.2008	7.558	1.8009	13.0165	1.79925
10200	-0.0673	1.7621	5.1365	1.2026	7.613	1.8070	13.0260	1.80517
10300	-0.0395	1.7956	5.1411	1.2045	7.669	1.8129	13.0345	1.81101
10400	-0.0124	1.8283	5.1455	1.2058	7.726	1.8187	13.0415	1.81668
10500	0.0141	1.8603	5.1498	1.2085	7.781	1.8243	13.0471	1.82222
10600	0.0401	1.8917	5.1541	1.2102	7.835	1.8299	13.0518	1.82768
10700	0.0655	1.9224	5.1583	1.2124	7.891	1.8353	13.0552	1.83299
10800	0.0923	1.9525	5.1624	1.2142	7.945	1.8406	13.0572	1.83816
10900	0.1146	1.9821	5.1664	1.2159	7.998	1.8459	13.0588	1.84326
11000	0.1384	2.0110	5.1704	1.2191	8.053	1.8509	13.0591	1.84823
11100	0.1617	2.0394	5.1743	1.2199	8.107	1.8559	13.0582	1.85308
11200	0.1845	2.0673	5.1782	1.2218	8.160	1.8608	13.0571	1.85787
11300	0.2068	2.0945	5.1819	1.2238	8.213	1.8656	13.0542	1.86247
11400	0.2287	2.1213	5.1857	1.2249	8.264	1.8702	13.0509	1.86701
11500	0.2502	2.1477	5.1893	1.2269	8.317	1.8748	13.0473	1.87150
11600	0.2712	2.1735	5.1929	1.2288	8.370	1.8793	13.0421	1.87582
11700	0.2919	2.1989	5.1965	1.2304	8.421	1.8836	13.0370	1.88008
11800	0.3121	2.2238	5.2000	1.2317	8.471	1.8879	13.0309	1.88424
11900	0.3321	2.2484	5.2035	1.2334	8.522	1.8922	13.0246	1.88836
12000	0.3516	2.2725	5.2068	1.2352	8.573	1.8963	13.0173	1.89234
12100	0.3708	2.2963	5.2102	1.2362	8.622	1.9003	13.0099	1.89627
12200	0.3897	2.3196	5.2135	1.2373	8.670	1.9043	13.0019	1.90012
12300	0.4083	2.3427	5.2168	1.2393	8.721	1.9082	13.0937	1.90393
12400	0.4265	2.3653	5.2200	1.2409	8.771	1.9119	13.0847	1.90759
12500	0.4445	2.3876	5.2232	1.2417	8.818	1.9157	13.0755	1.91123
12600	0.4622	2.4096	5.2264	1.2430	8.866	1.9193	13.0660	1.91480
12700	0.4796	2.4312	5.2295	1.2444	8.914	1.9229	13.0563	1.91829
12800	0.4967	2.4526	5.2326	1.2450	8.960	1.9264	13.0461	1.92172
12900	0.5137	2.4737	5.2355	1.2460	9.006	1.9299	13.0361	1.92513
13000	0.5305	2.4946	5.2386	1.2469	9.053	1.9333	13.0260	1.92848
13100	0.5469	2.5151	5.2415	1.2477	9.098	1.9367	13.0154	1.93177
13200	0.5632	2.5354	5.2446	1.2488	9.145	1.9400	13.0048	1.93501
13300	0.5793	2.5555	5.2475	1.2492	9.188	1.9432	13.02941	1.93819
13400	0.5952	2.5754	5.2504	1.2501	9.234	1.9464	13.02837	1.94137



S/R= 46.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13500	0.6108	2.5949	5.2533	1.2511	9.279	1.9495	13.2727	1.94444
13600	0.6263	2.6143	5.2561	1.2512	9.321	1.9526	13.2618	1.94752
13700	0.6417	2.6335	5.2590	1.2516	9.364	1.9557	13.2512	1.95056
13800	0.6568	2.6525	5.2618	1.2521	9.408	1.9587	13.2404	1.95355
13900	0.6719	2.6714	5.2646	1.2518	9.448	1.9616	13.2301	1.95655
14000	0.6868	2.6901	5.2673	1.2528	9.492	1.9645	13.2196	1.95947
14100	0.7015	2.7085	5.2701	1.2536	9.536	1.9674	13.2091	1.96242
14200	0.7162	2.7268	5.2728	1.2528	9.574	1.9703	13.1988	1.96533
14300	0.7307	2.7450	5.2755	1.2529	9.615	1.9731	13.1887	1.96821
14400	0.7450	2.7630	5.2782	1.2532	9.656	1.9759	13.1788	1.97108
14500	0.7593	2.7809	5.2809	1.2532	9.697	1.9787	13.1689	1.97392
14600	0.7734	2.7986	5.2836	1.2529	9.735	1.9814	13.1592	1.97673
14700	0.7875	2.8162	5.2862	1.2530	9.776	1.9841	13.1500	1.97957
14800	0.8014	2.8337	5.2889	1.2526	9.814	1.9867	13.1405	1.98236
14900	0.8153	2.8510	5.2915	1.2522	9.852	1.9893	13.1316	1.98515
15000	0.8291	2.8683	5.2941	1.2521	9.891	1.9920	13.1228	1.98794

S/R= 47.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1900	-6.8961	-6.0280	4.0481	1.0914	2.398	1.0603	5.8799	1.06034
2000	-6.5559	-5.6567	4.1125	1.0924	2.486	1.0821	6.4787	1.08208
2100	-6.2356	-5.3065	4.1692	1.0956	2.577	1.1041	7.0301	1.10411
2200	-5.9441	-4.9865	4.2183	1.1010	2.670	1.1255	7.5135	1.12545
2300	-5.6875	-4.7030	4.2600	1.1092	2.764	1.1452	7.9111	1.14520
2400	-5.4690	-4.4596	4.2948	1.1211	2.860	1.1626	8.2144	1.16256
2500	-5.2905	-4.2580	4.3231	1.1383	2.959	1.1769	8.4180	1.17686
2600	-5.1503	-4.0968	4.3456	1.1628	3.064	1.1878	8.5243	1.18778
2700	-5.0435	-3.9708	4.3632	1.1948	3.176	1.1954	8.5471	1.19540
2800	-4.9616	-3.8713	4.3772	1.2302	3.288	1.2004	8.5118	1.20038
2900	-4.8960	-3.7892	4.3888	1.2612	3.393	1.2035	8.4413	1.20354
3000	-4.8397	-3.7175	4.3991	1.2807	3.480	1.2056	8.3552	1.20561
3100	-4.7881	-3.6512	4.4087	1.2862	3.548	1.2071	8.2573	1.20712
3200	-4.7382	-3.5870	4.4181	1.2795	3.597	1.2084	8.1844	1.20843
3300	-4.6876	-3.5225	4.4277	1.2643	3.633	1.2098	8.1131	1.20978
3400	-4.6346	-3.4560	4.4377	1.2442	3.661	1.2114	8.0577	1.21137
3500	-4.5777	-3.3858	4.4483	1.2223	3.684	1.2134	8.0203	1.21337
3600	-4.5156	-3.3105	4.4597	1.2012	3.708	1.2159	8.0053	1.21595
3700	-4.4474	-3.2292	4.4720	1.1822	3.734	1.2192	8.0133	1.21919
3800	-4.3724	-3.1413	4.4854	1.1662	3.765	1.2232	8.0471	1.22324
3900	-4.2908	-3.0466	4.4998	1.1534	3.801	1.2281	8.1045	1.22813
4000	-4.2027	-2.9455	4.5150	1.1432	3.841	1.2339	8.1844	1.23387
4100	-4.1088	-2.8386	4.5311	1.1354	3.886	1.2405	8.2859	1.24048
4200	-4.0100	-2.7268	4.5478	1.1294	3.934	1.2479	8.4050	1.24785
4300	-3.9072	-2.6109	4.5649	1.1250	3.986	1.2560	8.5401	1.25599
4400	-3.8018	-2.4925	4.5823	1.1218	4.040	1.2648	8.6855	1.26475
4500	-3.6942	-2.3719	4.5997	1.1196	4.097	1.2741	8.8413	1.27410
4600	-3.5857	-2.2506	4.6171	1.1182	4.156	1.2839	9.0023	1.28392
4700	-3.4770	-2.1290	4.6344	1.1172	4.215	1.2941	9.1675	1.29415
4800	-3.3685	-2.0079	4.6514	1.1167	4.277	1.3047	9.3353	1.30473
4900	-3.2608	-1.8876	4.6681	1.1157	4.337	1.3156	9.5040	1.31559
5000	-3.1530	-1.7675	4.6847	1.1160	4.400	1.3266	9.6766	1.32658
5100	-3.0483	-1.6505	4.7007	1.1175	4.465	1.3378	9.8420	1.33782
5200	-2.9455	-1.5355	4.7162	1.1181	4.529	1.3492	10.0050	1.34920
5300	-2.8446	-1.4227	4.7314	1.1189	4.594	1.3607	10.1654	1.36071

S/R= 47.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	4/PT	Z*
5400	-2.7458	-1.3121	4.7461	1.1199	4.658	1.3723	10.3218	1.37226
5500	-2.6491	-1.2538	4.7605	1.1210	4.724	1.3839	10.4749	1.38389
5600	-2.5549	-1.0982	4.7744	1.1221	4.789	1.3955	10.6229	1.39550
5700	-2.4628	-0.9948	4.7880	1.1233	4.854	1.4071	10.7570	1.40713
5800	-2.3731	-0.8939	4.8011	1.1245	4.919	1.4188	10.9069	1.41875
5900	-2.2854	-0.7952	4.8139	1.1258	4.985	1.4304	11.0427	1.43037
6000	-2.2002	-0.6993	4.8263	1.1273	5.050	1.4419	11.1732	1.44191
6100	-2.1173	-0.6057	4.8384	1.1289	5.116	1.4534	11.2989	1.45337
6200	-2.0366	-0.5146	4.8501	1.1305	5.181	1.4648	11.4207	1.46479
6300	-1.9581	-0.4258	4.8615	1.1320	5.247	1.4761	11.5377	1.47611
6400	-1.8820	-0.3396	4.8725	1.1335	5.312	1.4873	11.6490	1.48728
6500	-1.8077	-0.2553	4.8832	1.1351	5.377	1.4984	11.7574	1.49841
6600	-1.7355	-0.1733	4.8937	1.1369	5.442	1.5095	11.8612	1.50944
6700	-1.6655	-0.0936	4.9038	1.1384	5.507	1.5204	11.9601	1.52032
6800	-1.5970	-0.0157	4.9137	1.1400	5.571	1.5312	12.0558	1.53112
6900	-1.5308	0.0600	4.9233	1.1417	5.636	1.5418	12.1467	1.54176
7000	-1.4660	0.1340	4.9327	1.1434	5.700	1.5524	12.2347	1.55233
7100	-1.4032	0.2058	4.9418	1.1452	5.765	1.5628	12.3186	1.56274
7200	-1.3421	0.2758	4.9507	1.1470	5.828	1.5731	12.3985	1.57301
7300	-1.2829	0.3439	4.9593	1.1485	5.892	1.5832	12.4742	1.58311
7400	-1.2249	0.4105	4.9679	1.1502	5.955	1.5932	12.5476	1.59312
7500	-1.1686	0.4753	4.9760	1.1522	6.019	1.6031	12.6168	1.60297
7600	-1.1138	0.5384	4.9840	1.1540	6.082	1.6128	12.6832	1.61268
7700	-1.0607	0.5998	4.9919	1.1559	6.145	1.6224	12.7457	1.62221
7800	-1.0089	0.6598	4.9995	1.1576	6.207	1.6318	12.8053	1.63161
7900	-0.9584	0.7183	5.0069	1.1592	6.269	1.6411	12.8623	1.64088
8000	-0.9091	0.7754	5.0142	1.1611	6.331	1.6503	12.9167	1.65003
8100	-0.8613	0.8310	5.0214	1.1630	6.393	1.6593	12.9678	1.65899
8200	-0.8146	0.8853	5.0283	1.1648	6.455	1.6681	13.0165	1.66782
8300	-0.7693	0.9381	5.0351	1.1667	6.516	1.6768	13.0618	1.67646
8400	-0.7251	0.9897	5.0417	1.1684	6.577	1.6854	13.1050	1.68498
8500	-0.6819	1.0402	5.0482	1.1702	6.638	1.6938	13.1461	1.69337
8600	-0.6399	1.0894	5.0546	1.1724	6.699	1.7021	13.1843	1.70156
8700	-0.5992	1.1372	5.0607	1.1743	6.759	1.7101	13.2194	1.70957
8800	-0.5593	1.1840	5.0668	1.1760	6.819	1.7181	13.2531	1.71748
8900	-0.5204	1.2298	5.0727	1.1778	6.878	1.7259	13.2848	1.72527
9000	-0.4826	1.2745	5.0785	1.1798	6.938	1.7336	13.3138	1.73286
9100	-0.4456	1.3181	5.0842	1.1818	6.998	1.7411	13.3414	1.74035
9200	-0.4096	1.3607	5.0898	1.1839	7.057	1.7485	13.3665	1.74764
9300	-0.3746	1.4022	5.0952	1.1858	7.116	1.7557	13.3892	1.75477
9400	-0.3403	1.4428	5.1006	1.1875	7.173	1.7628	13.4105	1.76179
9500	-0.3068	1.4827	5.1058	1.1895	7.231	1.7697	13.4305	1.76869
9600	-0.2742	1.5215	5.1109	1.1918	7.290	1.7765	13.4484	1.77542
9700	-0.2424	1.5594	5.1160	1.1935	7.347	1.7832	13.4642	1.78198
9800	-0.2113	1.5965	5.1209	1.1954	7.405	1.7897	13.4789	1.78845
9900	-0.1810	1.6328	5.1257	1.1977	7.463	1.7961	13.4916	1.79474
10000	-0.1515	1.6682	5.1304	1.1995	7.519	1.8024	13.5025	1.80088
10100	-0.1226	1.7029	5.1351	1.2015	7.576	1.8085	13.5124	1.80691
10200	-0.0944	1.7368	5.1396	1.2034	7.631	1.8145	13.5206	1.81280
10300	-0.0668	1.7701	5.1441	1.2053	7.687	1.8203	13.5280	1.81859
10400	-0.0398	1.8026	5.1485	1.2076	7.744	1.8261	13.5338	1.82423
10500	-0.0135	1.8344	5.1528	1.2093	7.799	1.8317	13.5381	1.82973
10600	0.0123	1.8656	5.1570	1.2110	7.853	1.8372	13.5417	1.83514
10700	0.0375	1.8962	5.1611	1.2133	7.909	1.8426	13.5440	1.84041
10800	0.0621	1.9260	5.1652	1.2151	7.963	1.8478	13.5448	1.84553

S/R= 47.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10900	0.0863	1.9554	5.1692	1.2168	8.017	1.8530	13.5451	1.85058
11000	0.1099	1.9841	5.1731	1.2190	8.072	1.8580	13.5442	1.85550
11100	0.1329	2.0123	5.1770	1.2208	8.125	1.8629	13.5421	1.86030
11200	0.1556	2.0400	5.1808	1.2227	8.178	1.8677	13.5398	1.86503
11300	0.1777	2.0670	5.1846	1.2246	8.231	1.8724	13.5358	1.86958
11400	0.1994	2.0936	5.1882	1.2257	8.282	1.8770	13.5314	1.87407
11500	0.2208	2.1198	5.1919	1.2278	8.335	1.8815	13.5267	1.87850
11600	0.2416	2.1454	5.1955	1.2298	8.388	1.8859	13.5205	1.88277
11700	0.2621	2.1706	5.1990	1.2312	8.438	1.8902	13.5140	1.88698
11800	0.2821	2.1954	5.2024	1.2326	8.488	1.8944	13.5069	1.89108
11900	0.3020	2.2198	5.2059	1.2343	8.540	1.8986	13.4997	1.89515
12000	0.3213	2.2437	5.2092	1.2362	8.591	1.9026	13.4913	1.89907
12100	0.3404	2.2673	5.2126	1.2371	8.639	1.9066	13.4827	1.90294
12200	0.3591	2.2904	5.2159	1.2381	8.687	1.9105	13.4738	1.90674
12300	0.3776	2.3134	5.2191	1.2399	8.737	1.9143	13.4648	1.91050
12400	0.3957	2.3358	5.2223	1.2415	8.787	1.9180	13.4547	1.91412
12500	0.4136	2.3580	5.2255	1.2424	8.834	1.9217	13.4448	1.91772
12600	0.4311	2.3798	5.2285	1.2437	8.882	1.9253	13.4345	1.92124
12700	0.4484	2.4013	5.2317	1.2450	8.930	1.9288	13.4238	1.92469
12800	0.4654	2.4226	5.2347	1.2456	8.975	1.9322	13.4127	1.92806
12900	0.4823	2.4436	5.2378	1.2465	9.021	1.9356	13.4019	1.93143
13000	0.4989	2.4643	5.2408	1.2474	9.068	1.9390	13.3910	1.93473
13100	0.5153	2.4847	5.2437	1.2482	9.113	1.9423	13.3798	1.93798
13200	0.5315	2.5049	5.2467	1.2491	9.159	1.9455	13.3685	1.94117
13300	0.5474	2.5249	5.2496	1.2495	9.202	1.9486	13.3570	1.94432
13400	0.5633	2.5447	5.2525	1.2503	9.247	1.9518	13.3458	1.94746
13500	0.5788	2.5641	5.2553	1.2512	9.292	1.9548	13.3342	1.95051
13600	0.5943	2.5835	5.2581	1.2513	9.334	1.9579	13.3230	1.95357
13700	0.6096	2.6026	5.2610	1.2517	9.377	1.9609	13.3118	1.95658
13800	0.6247	2.6215	5.2637	1.2522	9.420	1.9638	13.3004	1.95954
13900	0.6397	2.6403	5.2665	1.2518	9.460	1.9667	13.2895	1.96252
14000	0.6546	2.6589	5.2693	1.2527	9.504	1.9696	13.2786	1.96541
14100	0.6692	2.6773	5.2720	1.2535	9.548	1.9724	13.2676	1.96834
14200	0.6838	2.6956	5.2747	1.2528	9.586	1.9752	13.2569	1.97123
14300	0.6983	2.7137	5.2774	1.2526	9.626	1.9780	13.2463	1.97409
14400	0.7126	2.7317	5.2801	1.2529	9.667	1.9807	13.2359	1.97694
14500	0.7268	2.7495	5.2828	1.2529	9.707	1.9834	13.2257	1.97976
14600	0.7409	2.7671	5.2854	1.2526	9.746	1.9861	13.2156	1.98257
14700	0.7550	2.7848	5.2881	1.2526	9.786	1.9888	13.2060	1.98539
14800	0.7689	2.8022	5.2907	1.2522	9.824	1.9914	13.1964	1.98818
14900	0.7828	2.8195	5.2933	1.2517	9.861	1.9940	13.1871	1.99098
15000	0.7966	2.8368	5.2959	1.2516	9.901	1.9965	13.1782	1.99377

S/R= 47.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1900	-6.9429	-6.0737	4.0546	1.0908	2.400	1.0631	5.9683	1.06308
2000	-6.5991	-5.6987	4.1189	1.0920	2.490	1.0852	6.5740	1.08519
2100	-6.2773	-5.3469	4.1751	1.0955	2.581	1.1075	7.1273	1.10746
2200	-5.9860	-5.0271	4.2237	1.1013	2.674	1.1289	7.6083	1.12887
2300	-5.7311	-4.7454	4.2648	1.1100	2.769	1.1485	7.9992	1.14853
2400	-5.5160	-4.5054	4.2989	1.1227	2.866	1.1656	8.2916	1.16562
2500	-5.3420	-4.3085	4.3264	1.1414	2.967	1.1795	8.4809	1.17948
2600	-5.2070	-4.1526	4.3480	1.1678	3.074	1.1898	8.5713	1.18984
2700	-5.1049	-4.0316	4.3648	1.2017	3.187	1.1969	8.5796	1.19690

S/R= 47.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2800	-5.0266	-3.9358	4.3783	1.2378	3.300	1.2014	8.5332	1.20142
2900	-4.9632	-3.8562	4.3895	1.2676	3.402	1.2043	8.4555	1.20426
3000	-4.9082	-3.7858	4.3996	1.2843	3.486	1.2061	8.3654	1.20614
3100	-4.8572	-3.7201	4.4092	1.2870	3.549	1.2075	8.2757	1.20755
3200	-4.8072	-3.6559	4.4186	1.2779	3.595	1.2088	8.1927	1.20881
3300	-4.7561	-3.5909	4.4282	1.2609	3.629	1.2102	8.1226	1.21017
3400	-4.7022	-3.5234	4.4383	1.2397	3.655	1.2118	8.0697	1.21182
3500	-4.6438	-3.4517	4.4491	1.2172	3.677	1.2139	8.0359	1.21393
3600	-4.5799	-3.3746	4.4608	1.1961	3.701	1.2167	8.0258	1.21665
3700	-4.5095	-3.2911	4.4734	1.1774	3.728	1.2201	8.0396	1.22010
3800	-4.4321	-3.2006	4.4872	1.1620	3.750	1.2244	8.0800	1.22438
3900	-4.3478	-3.1031	4.5019	1.1497	3.797	1.2295	8.1447	1.22952
4000	-4.2569	-2.9991	4.5176	1.1400	3.838	1.2356	8.2321	1.23555
4100	-4.1602	-2.8893	4.5340	1.1327	3.884	1.2424	8.3409	1.24245
4200	-4.0588	-2.7747	4.5510	1.1271	3.934	1.2501	8.4671	1.25013
4300	-3.9534	-2.6562	4.5584	1.1231	3.987	1.2586	8.6089	1.25856
4400	-3.8456	-2.5353	4.5860	1.1202	4.042	1.2676	8.7606	1.26761
4500	-3.7359	-2.4125	4.6037	1.1181	4.099	1.2772	8.9220	1.27724
4600	-3.6255	-2.2892	4.6212	1.1169	4.159	1.2873	9.0881	1.28733
4700	-3.5149	-2.1658	4.6386	1.1161	4.219	1.2978	9.2579	1.29781
4800	-3.4049	-2.0429	4.6557	1.1158	4.281	1.3086	9.4297	1.30863
4900	-3.2957	-1.9212	4.6726	1.1149	4.342	1.3197	9.6021	1.31972
5000	-3.1867	-1.7997	4.6892	1.1152	4.405	1.3309	9.7779	1.33093
5100	-3.0809	-1.6816	4.7052	1.1168	4.471	1.3424	9.9461	1.34237
5200	-2.9770	-1.5655	4.7208	1.1175	4.536	1.3540	10.1118	1.35395
5300	-2.8752	-1.4517	4.7360	1.1184	4.601	1.3656	10.2742	1.36564
5400	-2.7756	-1.3403	4.7508	1.1193	4.666	1.3774	10.4326	1.37737
5500	-2.6782	-1.2312	4.7652	1.1205	4.731	1.3892	10.5874	1.38917
5600	-2.5834	-1.1249	4.7791	1.1217	4.797	1.4009	10.7369	1.40094
5700	-2.4907	-1.0209	4.7926	1.1228	4.862	1.4127	10.8822	1.41272
5800	-2.4004	-0.9194	4.8057	1.1241	4.928	1.4245	11.0233	1.42449
5900	-2.3122	-0.8203	4.8185	1.1255	4.994	1.4363	11.1599	1.43625
6000	-2.2266	-0.7239	4.8309	1.1270	5.060	1.4479	11.2912	1.44792
6100	-2.1433	-0.6299	4.8429	1.1286	5.126	1.4595	11.4178	1.45951
6200	-2.0623	-0.5384	4.8546	1.1302	5.192	1.4711	11.5400	1.47105
6300	-1.9835	-0.4493	4.8660	1.1317	5.257	1.4825	11.6576	1.48249
6400	-1.9071	-0.3628	4.8769	1.1333	5.323	1.4938	11.7691	1.49376
6500	-1.8327	-0.2783	4.8876	1.1349	5.388	1.5050	11.8777	1.50501
6600	-1.7602	-0.1961	4.8981	1.1367	5.454	1.5162	11.9818	1.51614
6700	-1.6900	-0.1162	4.9082	1.1383	5.519	1.5272	12.0807	1.52711
6800	-1.6215	-0.0381	4.9180	1.1399	5.584	1.5380	12.1764	1.53800
6900	-1.5551	0.0376	4.9276	1.1416	5.648	1.5488	12.2673	1.54873
7000	-1.4902	0.1117	4.9369	1.1433	5.713	1.5594	12.3551	1.55938
7100	-1.4273	0.1837	4.9460	1.1452	5.777	1.5699	12.4388	1.56987
7200	-1.3662	0.2538	4.9549	1.1469	5.842	1.5803	12.5185	1.58021
7300	-1.3068	0.3219	4.9635	1.1486	5.905	1.5905	12.5939	1.59038
7400	-1.2488	0.3885	4.9719	1.1503	5.969	1.6006	12.6668	1.60046
7500	-1.1926	0.4533	4.9801	1.1522	6.033	1.6105	12.7357	1.61036
7600	-1.1378	0.5165	4.9881	1.1540	6.096	1.6203	12.8015	1.62013
7700	-1.0847	0.5778	4.9958	1.1560	6.159	1.6299	12.8635	1.62972
7800	-1.0329	0.6378	5.0034	1.1577	6.222	1.6394	12.9226	1.63916
7900	-0.9824	0.6962	5.0109	1.1594	6.284	1.6487	12.9789	1.64847
8000	-0.9332	0.7533	5.0181	1.1612	6.346	1.6579	13.0328	1.65766
8100	-0.8854	0.8088	5.0252	1.1631	6.408	1.6669	13.0830	1.66665
8200	-0.8388	0.8630	5.0321	1.1651	6.470	1.6758	13.1310	1.67552

S/R= 47.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8300	-0.7936	0.9158	5.0388	1.1670	6.532	1.6845	13.1755	1.68418
8400	-0.7495	0.9673	5.0454	1.1686	6.593	1.6931	13.2179	1.69272
8500	-0.7064	1.0177	5.0519	1.1705	6.654	1.7016	13.2582	1.70113
8600	-0.6645	1.0668	5.0582	1.1727	6.715	1.7098	13.2953	1.70934
8700	-0.6239	1.1145	5.0643	1.1747	6.776	1.7179	13.3297	1.71737
8800	-0.5842	1.1611	5.0704	1.1764	6.835	1.7258	13.3623	1.72528
8900	-0.5454	1.2068	5.0763	1.1782	6.895	1.7337	13.3931	1.73306
9000	-0.5077	1.2513	5.0820	1.1802	6.955	1.7413	13.4212	1.74066
9100	-0.4708	1.2948	5.0877	1.1822	7.014	1.7489	13.4477	1.74814
9200	-0.4350	1.3372	5.0932	1.1844	7.074	1.7562	13.4717	1.75543
9300	-0.4002	1.3785	5.0986	1.1864	7.133	1.7634	13.4933	1.76254
9400	-0.3661	1.4190	5.1039	1.1880	7.190	1.7705	13.5135	1.76954
9500	-0.3327	1.4586	5.1091	1.1900	7.249	1.7774	13.5324	1.77643
9600	-0.3003	1.4973	5.1142	1.1924	7.308	1.7842	13.5490	1.78313
9700	-0.2687	1.5350	5.1192	1.1941	7.365	1.7908	13.5637	1.78967
9800	-0.2378	1.5719	5.1240	1.1962	7.423	1.7973	13.5772	1.79611
9900	-0.2077	1.6080	5.1288	1.1984	7.481	1.8037	13.5888	1.80237
10000	-0.1784	1.6431	5.1335	1.2002	7.537	1.8098	13.5984	1.80847
10100	-0.1496	1.6777	5.1381	1.2023	7.594	1.8159	13.6071	1.81447
10200	-0.1216	1.7114	5.1426	1.2042	7.650	1.8219	13.6140	1.82031
10300	-0.0942	1.7444	5.1470	1.2061	7.705	1.8277	13.6202	1.82607
10400	-0.0674	1.7767	5.1514	1.2084	7.762	1.8334	13.6247	1.83166
10500	-0.0413	1.8083	5.1556	1.2102	7.817	1.8389	13.6278	1.83711
10600	-0.0157	1.8393	5.1598	1.2118	7.871	1.8444	13.6303	1.84247
10700	0.0093	1.8697	5.1639	1.2141	7.927	1.8497	13.6313	1.84770
10800	0.0337	1.8993	5.1679	1.2159	7.981	1.8549	13.6309	1.85277
10900	0.0577	1.9285	5.1719	1.2178	8.035	1.8600	13.6299	1.85776
11000	0.0811	1.9570	5.1758	1.2200	8.090	1.8649	13.6278	1.86263
11100	0.1040	1.9849	5.1796	1.2217	8.143	1.8697	13.6246	1.86737
11200	0.1265	2.0124	5.1834	1.2237	8.196	1.8745	13.6210	1.87205
11300	0.1483	2.0392	5.1871	1.2256	8.249	1.8791	13.6158	1.87654
11400	0.1699	2.0656	5.1908	1.2266	8.299	1.8836	13.6103	1.88097
11500	0.1911	2.0917	5.1944	1.2287	8.352	1.8881	13.6045	1.88536
11600	0.2117	2.1171	5.1979	1.2307	8.405	1.8924	13.5972	1.88957
11700	0.2321	2.1421	5.2014	1.2321	8.456	1.8966	13.5897	1.89372
11800	0.2520	2.1666	5.2048	1.2335	8.506	1.9008	13.5814	1.89777
11900	0.2716	2.1909	5.2082	1.2352	8.557	1.9049	13.5731	1.90178
12000	0.2908	2.2146	5.2116	1.2370	8.608	1.9088	13.5636	1.90564
12100	0.3097	2.2380	5.2149	1.2379	8.656	1.9127	13.5541	1.90945
12200	0.3283	2.2610	5.2181	1.2390	8.704	1.9165	13.5442	1.91320
12300	0.3467	2.2838	5.2213	1.2406	8.754	1.9203	13.5342	1.91690
12400	0.3646	2.3061	5.2245	1.2421	8.803	1.9239	13.5231	1.92047
12500	0.3824	2.3281	5.2276	1.2428	8.849	1.9275	13.5125	1.92403
12600	0.3999	2.3499	5.2307	1.2442	8.897	1.9310	13.5014	1.92751
12700	0.4170	2.3712	5.2338	1.2457	8.946	1.9345	13.4899	1.93091
12800	0.4339	2.3923	5.2368	1.2461	8.990	1.9378	13.4780	1.93423
12900	0.4507	2.4132	5.2398	1.2470	9.036	1.9412	13.4663	1.93755
13000	0.4672	2.4338	5.2428	1.2478	9.082	1.9445	13.4547	1.94081
13100	0.4835	2.4541	5.2458	1.2485	9.127	1.9477	13.4427	1.94402
13200	0.4996	2.4742	5.2487	1.2494	9.173	1.9508	13.4307	1.94717
13300	0.5154	2.4940	5.2516	1.2499	9.216	1.9539	13.4185	1.95028
13400	0.5312	2.5138	5.2544	1.2506	9.261	1.9570	13.4069	1.95338
13500	0.5467	2.5331	5.2573	1.2513	9.305	1.9600	13.3946	1.95641
13600	0.5621	2.5524	5.2601	1.2513	9.346	1.9630	13.3827	1.95943
13700	0.5773	2.5715	5.2629	1.2515	9.389	1.9659	13.3711	1.96242

S/R= 47.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13800	0.5924	2.5903	5.2657	1.2520	9.432	1.9688	13.3593	1.96537
13900	0.6074	2.6091	5.2684	1.2516	9.471	1.9717	13.3479	1.96832
14000	0.6222	2.6276	5.2712	1.2524	9.515	1.9745	13.3364	1.97119
14100	0.6368	2.6459	5.2739	1.2535	9.560	1.9773	13.3249	1.97410
14200	0.6513	2.6642	5.2765	1.2527	9.597	1.9801	13.3138	1.97697
14300	0.6658	2.6822	5.2793	1.2524	9.636	1.9828	13.3029	1.97981
14400	0.6801	2.7002	5.2820	1.2526	9.677	1.9855	13.2921	1.98265
14500	0.6943	2.7179	5.2846	1.2525	9.717	1.9881	13.2815	1.98546
14600	0.7084	2.7356	5.2873	1.2521	9.755	1.9907	13.2711	1.98826
14700	0.7224	2.7532	5.2899	1.2521	9.795	1.9934	13.2612	1.99107
14800	0.7363	2.7706	5.2925	1.2518	9.833	1.9959	13.2513	1.99385
14900	0.7502	2.7879	5.2951	1.2512	9.870	1.9985	13.2419	1.99665
15000	0.7639	2.8051	5.2977	1.2510	9.909	2.0010	13.2325	1.99943

S/R= 47.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1900	-6.9889	-6.1186	4.0611	1.0903	2.403	1.0659	6.0581	1.06587
2000	-6.6419	-5.7402	4.1252	1.0916	2.493	1.0883	6.6701	1.08834
2100	-6.3187	-5.3870	4.1810	1.0954	2.585	1.1108	7.2248	1.11081
2200	-6.0279	-5.0676	4.2291	1.1016	2.679	1.1323	7.7027	1.13229
2300	-5.7751	-4.7881	4.2695	1.1109	2.774	1.1518	8.0862	1.15182
2400	-5.5635	-4.5518	4.3028	1.1246	2.872	1.1686	8.3668	1.16861
2500	-5.3944	-4.3600	4.3294	1.1448	2.974	1.1820	8.5409	1.18199
2600	-5.2646	-4.2096	4.3502	1.1733	3.083	1.1918	8.6151	1.19176
2700	-5.1672	-4.0934	4.3663	1.2089	3.198	1.1983	8.6093	1.19827
2800	-5.0922	-4.0011	4.3793	1.2454	3.311	1.2024	8.5525	1.20236
2900	-5.0309	-3.9237	4.3902	1.2735	3.411	1.2049	8.4684	1.20492
3000	-4.9770	-3.8545	4.4001	1.2874	3.491	1.2066	8.3748	1.20662
3100	-4.9264	-3.7891	4.4096	1.2872	3.550	1.2079	8.2838	1.20793
3200	-4.8763	-3.7248	4.4190	1.2758	3.593	1.2092	8.2009	1.20917
3300	-4.8245	-3.6592	4.4287	1.2571	3.624	1.2106	8.1324	1.21056
3400	-4.7695	-3.5906	4.4390	1.2348	3.648	1.2123	8.0822	1.21228
3500	-4.7097	-3.5174	4.4500	1.2121	3.671	1.2145	8.0524	1.21450
3600	-4.6439	-3.4383	4.4620	1.1911	3.695	1.2174	8.0474	1.21739
3700	-4.5712	-3.3524	4.4749	1.1728	3.722	1.2210	8.0674	1.22104
3800	-4.4911	-3.2592	4.4891	1.1578	3.755	1.2256	8.1147	1.22556
3900	-4.4040	-3.1589	4.5042	1.1461	3.793	1.2310	8.1867	1.23097
4000	-4.3103	-3.0519	4.5202	1.1369	3.836	1.2373	8.2817	1.23730
4100	-4.2108	-2.9392	4.5370	1.1301	3.883	1.2445	8.3980	1.24449
4200	-4.1067	-2.8218	4.5543	1.1249	3.934	1.2525	8.5314	1.25248
4300	-3.9988	-2.7007	4.5720	1.1212	3.987	1.2612	8.6798	1.26120
4400	-3.8887	-2.5774	4.5898	1.1185	4.044	1.2705	8.8377	1.27054
4500	-3.7768	-2.4524	4.6077	1.1168	4.102	1.2805	9.0046	1.28045
4600	-3.6645	-2.3270	4.6254	1.1157	4.162	1.2908	9.1757	1.29080
4700	-3.5522	-2.2018	4.6429	1.1150	4.223	1.3015	9.3500	1.30153
4800	-3.4406	-2.0774	4.6601	1.1148	4.286	1.3126	9.5259	1.31259
4900	-3.3301	-1.9542	4.6770	1.1141	4.347	1.3239	9.7018	1.32391
5000	-3.2198	-1.8314	4.6938	1.1145	4.411	1.3353	9.8806	1.33533
5100	-3.1129	-1.7121	4.7098	1.1161	4.478	1.3470	10.0516	1.34698
5200	-3.0080	-1.5950	4.7254	1.1169	4.543	1.3588	10.2195	1.35875
5300	-2.9053	-1.4803	4.7407	1.1178	4.608	1.3706	10.3842	1.37062
5400	-2.8050	-1.3680	4.7554	1.1188	4.674	1.3825	10.5445	1.38253
5500	-2.7069	-1.2582	4.7698	1.1200	4.740	1.3945	10.7010	1.39450
5600	-2.6114	-1.1512	4.7837	1.1213	4.806	1.4064	10.8519	1.40642

S/R= 47.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5700	-2.5181	-1.0466	4.7972	1.1225	4.871	1.4184	10.9984	1.41835
5800	-2.4273	-0.9446	4.8103	1.1238	4.937	1.4303	11.1404	1.43026
5900	-2.3387	-0.8450	4.8231	1.1252	5.004	1.4422	11.2781	1.44217
6000	-2.2527	-0.7482	4.8354	1.1267	5.070	1.4540	11.4100	1.45396
6100	-2.1690	-0.6538	4.8474	1.1283	5.136	1.4657	11.5373	1.46558
6200	-2.0878	-0.5620	4.8591	1.1300	5.202	1.4774	11.6599	1.47734
6300	-2.0087	-0.4726	4.8704	1.1316	5.268	1.4889	11.7780	1.48889
6400	-1.9320	-0.3858	4.8814	1.1331	5.334	1.5003	11.8899	1.50028
6500	-1.8574	-0.3011	4.8920	1.1347	5.400	1.5117	11.9985	1.51163
6600	-1.7847	-0.2187	4.9024	1.1366	5.466	1.5229	12.1029	1.52286
6700	-1.7144	-0.1386	4.9125	1.1381	5.531	1.5340	12.2018	1.53392
6800	-1.6457	-0.0604	4.9223	1.1398	5.596	1.5449	12.2973	1.54490
6900	-1.5791	0.0155	4.9319	1.1416	5.661	1.5558	12.3882	1.55571
7000	-1.5142	0.0897	4.9412	1.1432	5.726	1.5665	12.4757	1.56644
7100	-1.4513	0.1617	4.9502	1.1451	5.791	1.5771	12.5592	1.57701
7200	-1.3900	0.2319	4.9590	1.1469	5.855	1.5875	12.6385	1.58742
7300	-1.3307	0.3000	4.9676	1.1486	5.919	1.5978	12.7136	1.59766
7400	-1.2726	0.3667	4.9760	1.1503	5.983	1.6079	12.7861	1.60780
7500	-1.2164	0.4315	4.9841	1.1523	6.047	1.6179	12.8545	1.61776
7600	-1.1616	0.4946	4.9921	1.1541	6.110	1.6277	12.9198	1.62758
7700	-1.1085	0.5560	4.9998	1.1560	6.174	1.6374	12.9812	1.63721
7800	-1.0567	0.6159	5.0074	1.1578	6.236	1.6469	13.0397	1.64670
7900	-1.0063	0.6743	5.0147	1.1595	6.299	1.6563	13.0954	1.65605
8000	-0.9572	0.7313	5.0220	1.1614	6.361	1.6655	13.1485	1.66528
8100	-0.9095	0.7867	5.0290	1.1633	6.424	1.6746	13.1980	1.67430
8200	-0.8630	0.8409	5.0359	1.1653	6.486	1.6835	13.2452	1.68320
8300	-0.8179	0.8935	5.0425	1.1672	6.548	1.6922	13.2889	1.69188
8400	-0.7739	0.9449	5.0491	1.1689	6.608	1.7008	13.3304	1.70044
8500	-0.7309	0.9952	5.0555	1.1708	6.669	1.7093	13.3697	1.70886
8600	-0.6891	1.0441	5.0618	1.1730	6.731	1.7175	13.4060	1.71708
8700	-0.6486	1.0917	5.0679	1.1751	6.792	1.7256	13.4394	1.72512
8800	-0.6091	1.1382	5.0739	1.1768	6.852	1.7336	13.4710	1.73303
8900	-0.5704	1.1837	5.0798	1.1786	6.911	1.7414	13.5008	1.74081
9000	-0.5329	1.2280	5.0855	1.1806	6.971	1.7490	13.5277	1.74840
9100	-0.4962	1.2714	5.0911	1.1827	7.031	1.7566	13.5531	1.75587
9200	-0.4605	1.3136	5.0966	1.1849	7.091	1.7639	13.5760	1.76315
9300	-0.4258	1.3547	5.1019	1.1870	7.150	1.7710	13.5965	1.77024
9400	-0.3919	1.3950	5.1072	1.1886	7.208	1.7781	13.6156	1.77723
9500	-0.3588	1.4345	5.1123	1.1906	7.266	1.7850	13.6333	1.78409
9600	-0.3265	1.4729	5.1174	1.1931	7.326	1.7918	13.6487	1.79077
9700	-0.2951	1.5104	5.1223	1.1949	7.383	1.7983	13.6622	1.79728
9800	-0.2644	1.5471	5.1271	1.1969	7.440	1.8048	13.6744	1.80368
9900	-0.2345	1.5830	5.1319	1.1991	7.498	1.8111	13.6847	1.80991
10000	-0.2053	1.6179	5.1365	1.2010	7.555	1.8172	13.6932	1.81597
10100	-0.1768	1.6523	5.1411	1.2031	7.611	1.8233	13.7006	1.82192
10200	-0.1490	1.6857	5.1455	1.2049	7.667	1.8292	13.7064	1.82773
10300	-0.1217	1.7186	5.1499	1.2069	7.723	1.8349	13.7113	1.83343
10400	-0.0952	1.7507	5.1542	1.2093	7.780	1.8406	13.7144	1.83897
10500	-0.0693	1.7820	5.1584	1.2111	7.835	1.8460	13.7163	1.84437
10600	-0.0439	1.8128	5.1626	1.2128	7.889	1.8514	13.7174	1.84968
10700	-0.0191	1.8429	5.1666	1.2150	7.945	1.8567	13.7171	1.85485
10800	0.0052	1.8724	5.1706	1.2168	7.999	1.8618	13.7156	1.85987
10900	0.0289	1.9013	5.1746	1.2187	8.053	1.8668	13.7135	1.86481
11000	0.0521	1.9296	5.1784	1.2210	8.108	1.8717	13.7100	1.86962
11100	0.0748	1.9573	5.1822	1.2226	8.160	1.8765	13.7056	1.87430

S/R= 47.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11200	0.0971	1.9846	5.1860	1.2246	8.214	1.8812	13.7008	1.87891
11300	0.1188	2.0112	5.1895	1.2266	8.267	1.8857	13.6943	1.88335
11400	0.1401	2.0374	5.1932	1.2276	8.317	1.8901	13.6876	1.88772
11500	0.1612	2.0632	5.1968	1.2297	8.370	1.8945	13.6807	1.89204
11600	0.1817	2.0884	5.2003	1.2315	8.422	1.8988	13.6723	1.89620
11700	0.2018	2.1133	5.2038	1.2329	8.472	1.9029	13.6638	1.90030
11800	0.2216	2.1377	5.2072	1.2344	8.523	1.9070	13.6544	1.90429
11900	0.2411	2.1617	5.2105	1.2361	8.574	1.9110	13.6450	1.90824
12000	0.2601	2.1853	5.2138	1.2378	8.624	1.9149	13.6345	1.91204
12100	0.2788	2.2085	5.2171	1.2387	8.672	1.9187	13.6240	1.91580
12200	0.2973	2.2313	5.2203	1.2398	8.720	1.9224	13.6129	1.91948
12300	0.3155	2.2539	5.2235	1.2414	8.770	1.9261	13.6020	1.92313
12400	0.3333	2.2761	5.2266	1.2428	8.818	1.9297	13.5902	1.92664
12500	0.3510	2.2980	5.2293	1.2435	8.864	1.9332	13.5785	1.93015
12600	0.3683	2.3196	5.2328	1.2447	8.912	1.9366	13.5665	1.93358
12700	0.3854	2.3408	5.2357	1.2460	8.960	1.9400	13.5542	1.93694
12800	0.4022	2.3618	5.2389	1.2466	9.005	1.9433	13.5418	1.94024
12900	0.4189	2.3826	5.2419	1.2474	9.050	1.9466	13.5293	1.94351
13000	0.4353	2.4031	5.2448	1.2482	9.096	1.9498	13.5169	1.94672
13100	0.4515	2.4233	5.2477	1.2489	9.141	1.9530	13.5041	1.94989
13200	0.4675	2.4433	5.2506	1.2499	9.186	1.9561	13.4915	1.95300
13300	0.4833	2.4630	5.2535	1.2501	9.229	1.9591	13.4789	1.95608
13400	0.4990	2.4826	5.2564	1.2507	9.273	1.9621	13.4664	1.95914
13500	0.5144	2.5019	5.2592	1.2515	9.318	1.9651	13.4535	1.96213
13600	0.5297	2.5211	5.2620	1.2514	9.359	1.9680	13.4413	1.96513
13700	0.5449	2.5401	5.2648	1.2515	9.400	1.9709	13.4290	1.96809
13800	0.5599	2.5589	5.2675	1.2519	9.443	1.9737	13.4167	1.97101
13900	0.5749	2.5776	5.2703	1.2514	9.482	1.9766	13.4049	1.97395
14000	0.5897	2.5962	5.2730	1.2521	9.525	1.9793	13.3933	1.97681
14100	0.6042	2.6144	5.2757	1.2532	9.570	1.9821	13.3813	1.97970
14200	0.6188	2.6326	5.2784	1.2524	9.607	1.9848	13.3698	1.98256
14300	0.6332	2.6506	5.2811	1.2520	9.646	1.9875	13.3585	1.98539
14400	0.6475	2.6685	5.2838	1.2523	9.688	1.9901	13.3475	1.98821
14500	0.6616	2.6863	5.2864	1.2520	9.726	1.9927	13.3365	1.99101
14600	0.6757	2.7039	5.2890	1.2516	9.764	1.9953	13.3258	1.99380
14700	0.6897	2.7215	5.2917	1.2517	9.805	1.9979	13.3155	1.99660
14800	0.7036	2.7389	5.2943	1.2513	9.842	2.0004	13.3055	1.99938
14900	0.7175	2.7562	5.2969	1.2505	9.879	2.0029	13.2958	2.00218
15000	0.7313	2.7734	5.2995	1.2503	9.918	2.0055	13.2863	2.00496

S/R= 47.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2000	-6.6842	-5.7813	4.1314	1.0929	2.498	1.0915	6.7670	1.09151
2100	-6.3600	-5.4269	4.1869	1.0954	2.589	1.1142	7.3226	1.11417
2200	-6.0698	-5.1083	4.2343	1.1020	2.683	1.1357	7.7966	1.13568
2300	-5.8194	-4.8312	4.2740	1.1120	2.779	1.1551	8.1717	1.15506
2400	-5.6118	-4.5990	4.3065	1.1267	2.878	1.1715	8.4397	1.17150
2500	-5.4478	-4.4125	4.3323	1.1486	2.982	1.1844	8.5980	1.18437
2600	-5.3233	-4.2576	4.3523	1.1791	3.093	1.1935	8.6557	1.19355
2700	-5.2303	-4.1561	4.3677	1.2165	3.210	1.1995	8.6362	1.19952
2800	-5.1584	-4.0671	4.3801	1.2528	3.322	1.2032	8.5599	1.20321
2900	-5.0990	-3.9916	4.3908	1.2789	3.419	1.2055	8.4800	1.20550
3000	-5.0461	-3.9234	4.4005	1.2900	3.495	1.2071	8.3834	1.20705
3100	-4.9957	-3.8583	4.4100	1.2869	3.550	1.2083	8.2914	1.20830



S/R= 47.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3200	-4.9453	-3.7937	4.4194	1.2732	3.590	1.2095	8.2091	1.20952
3300	-4.8928	-3.7273	4.4293	1.2530	3.618	1.2109	8.1424	1.21094
3400	-4.8366	-3.6575	4.4397	1.2299	3.642	1.2127	8.0953	1.21274
3500	-4.7752	-3.5827	4.4509	1.2069	3.664	1.2151	8.0598	1.21510
3600	-4.7073	-3.5014	4.4632	1.1860	3.688	1.2182	8.0702	1.21815
3700	-4.6322	-3.4131	4.4765	1.1683	3.717	1.2220	8.0967	1.22202
3800	-4.5495	-3.3171	4.4910	1.1539	3.751	1.2268	8.1512	1.22680
3900	-4.4595	-3.2138	4.5065	1.1427	3.790	1.2325	8.2309	1.23250
4000	-4.3630	-3.1039	4.5229	1.1341	3.834	1.2391	8.3335	1.23911
4100	-4.2606	-2.9883	4.5400	1.1276	3.882	1.2466	8.4573	1.24662
4200	-4.1538	-2.8681	4.5576	1.1228	3.934	1.2549	8.5978	1.25491
4300	-4.0434	-2.7444	4.5756	1.1194	3.989	1.2639	8.7528	1.26392
4400	-3.9310	-2.6187	4.5937	1.1170	4.046	1.2736	8.9168	1.27355
4500	-3.8170	-2.4915	4.6117	1.1154	4.105	1.2837	9.0893	1.28373
4600	-3.7028	-2.3641	4.6296	1.1145	4.166	1.2943	9.2652	1.29435
4700	-3.5889	-2.2372	4.6473	1.1140	4.228	1.3053	9.4439	1.30533
4800	-3.4757	-2.1112	4.6646	1.1139	4.291	1.3166	9.6235	1.31662
4900	-3.3639	-1.9866	4.6816	1.1133	4.353	1.3282	9.8029	1.32817
5000	-3.2524	-1.8625	4.6983	1.1138	4.417	1.3398	9.9847	1.33980
5100	-3.1444	-1.7421	4.7144	1.1154	4.484	1.3516	10.1584	1.35164
5200	-3.0386	-1.6240	4.7300	1.1163	4.550	1.3636	10.3286	1.36361
5300	-2.9350	-1.5084	4.7453	1.1173	4.615	1.3757	10.4953	1.37566
5400	-2.8339	-1.3953	4.7600	1.1183	4.681	1.3877	10.6574	1.38773
5500	-2.7351	-1.2848	4.7744	1.1196	4.748	1.3999	10.8154	1.39986
5600	-2.6390	-1.1772	4.7883	1.1209	4.814	1.4119	10.9676	1.41194
5700	-2.5452	-1.0720	4.8018	1.1221	4.880	1.4240	11.1154	1.42403
5800	-2.4540	-0.9695	4.8149	1.1235	4.947	1.4361	11.2583	1.43608
5900	-2.3649	-0.8694	4.8276	1.1249	5.013	1.4481	11.3969	1.44812
6000	-2.2785	-0.7722	4.8400	1.1264	5.080	1.4600	11.5295	1.46004
6100	-2.1945	-0.6774	4.8519	1.1281	5.146	1.4719	11.6575	1.47188
6200	-2.1129	-0.5853	4.8636	1.1298	5.213	1.4837	11.7805	1.48366
6300	-2.0336	-0.4956	4.8748	1.1314	5.279	1.4953	11.8989	1.49532
6400	-1.9567	-0.4086	4.8858	1.1330	5.345	1.5068	12.0111	1.50681
6500	-1.8818	-0.3237	4.8964	1.1346	5.411	1.5183	12.1197	1.51826
6600	-1.8090	-0.2410	4.9068	1.1364	5.477	1.5296	12.2242	1.52959
6700	-1.7385	-0.1608	4.9168	1.1381	5.543	1.5408	12.3231	1.54075
6800	-1.6697	-0.0825	4.9266	1.1398	5.608	1.5519	12.4186	1.55181
6900	-1.6031	-0.0065	4.9361	1.1415	5.673	1.5628	12.5094	1.56271
7000	-1.5380	0.0678	4.9454	1.1432	5.738	1.5736	12.5967	1.57352
7100	-1.4751	0.1399	4.9544	1.1451	5.804	1.5842	12.6797	1.58415
7200	-1.4138	0.2101	4.9631	1.1469	5.868	1.5947	12.7589	1.59464
7300	-1.3544	0.2783	4.9717	1.1486	5.932	1.6050	12.8335	1.60493
7400	-1.2963	0.3450	4.9800	1.1504	5.996	1.6152	12.9055	1.61514
7500	-1.2401	0.4097	4.9881	1.1523	6.061	1.6253	12.9732	1.62515
7600	-1.1853	0.4729	4.9960	1.1542	6.124	1.6352	13.0381	1.63502
7700	-1.1323	0.5342	5.0037	1.1561	6.188	1.6449	13.0988	1.64470
7800	-1.0806	0.5940	5.0112	1.1579	6.251	1.6544	13.1566	1.65423
7900	-1.0302	0.6524	5.0186	1.1597	6.314	1.6638	13.2116	1.66362
8000	-0.9812	0.7093	5.0258	1.1616	6.376	1.6731	13.2640	1.67287
8100	-0.9335	0.7647	5.0328	1.1636	6.439	1.6822	13.3127	1.68192
8200	-0.8872	0.8187	5.0396	1.1655	6.501	1.6911	13.3589	1.69084
8300	-0.8421	0.8712	5.0462	1.1675	6.563	1.6999	13.4018	1.69955
8400	-0.7982	0.9225	5.0528	1.1692	6.624	1.7085	13.4425	1.70812
8500	-0.7554	0.9727	5.0591	1.1711	6.685	1.7169	13.4808	1.71655
8600	-0.7137	1.0214	5.0653	1.1734	6.747	1.7252	13.5160	1.72478

S/R= 47.6

T	LOG(RHO)	LJG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8700	-0.5734	1.0689	5.0714	1.1755	6.808	1.7333	13.5485	1.73282
8800	-0.6347	1.1152	5.0774	1.1773	6.858	1.7412	13.5790	1.74073
8900	-0.5955	1.1606	5.0832	1.1791	6.928	1.7490	13.5077	1.74850
9000	-0.5581	1.2047	5.0889	1.1811	6.988	1.7567	13.5336	1.75609
9100	-0.5214	1.2479	5.0944	1.1833	7.048	1.7642	13.6578	1.76355
9200	-0.4861	1.2899	5.0999	1.1854	7.108	1.7715	13.6795	1.77081
9300	-0.4516	1.3308	5.1052	1.1875	7.167	1.7786	13.5988	1.77788
9400	-0.4179	1.3709	5.1104	1.1892	7.225	1.7856	13.7168	1.78484
9500	-0.3849	1.4102	5.1155	1.1912	7.283	1.7925	13.7332	1.79166
9600	-0.3528	1.4484	5.1205	1.1937	7.343	1.7992	13.7474	1.79832
9700	-0.3216	1.4857	5.1254	1.1956	7.400	1.8058	13.7595	1.80479
9800	-0.2911	1.5222	5.1302	1.1976	7.458	1.8122	13.7705	1.81116
9900	-0.2614	1.5578	5.1349	1.1999	7.516	1.8185	13.7796	1.81734
10000	-0.2325	1.5926	5.1395	1.2018	7.572	1.8245	13.7867	1.82336
10100	-0.2041	1.6267	5.1440	1.2039	7.629	1.8305	13.7929	1.82927
10200	-0.1765	1.6599	5.1484	1.2058	7.685	1.8363	13.7973	1.83502
10300	-0.1495	1.6925	5.1527	1.2078	7.741	1.8421	13.8009	1.84068
10400	-0.1231	1.7244	5.1570	1.2102	7.798	1.8476	13.8029	1.84617
10500	-0.0975	1.7555	5.1612	1.2120	7.853	1.8530	13.8034	1.85151
10600	-0.0723	1.7860	5.1653	1.2138	7.907	1.8584	13.8031	1.85676
10700	-0.0477	1.8159	5.1693	1.2160	7.963	1.8636	13.8015	1.86187
10800	-0.0235	1.8452	5.1733	1.2177	8.016	1.8686	13.7987	1.86683
10900	-0.0001	1.8739	5.1772	1.2197	8.071	1.8736	13.7953	1.87172
11000	0.0237	1.9020	5.1810	1.2220	8.126	1.8784	13.7908	1.87647
11100	0.0454	1.9295	5.1847	1.2236	8.178	1.8831	13.7850	1.88109
11200	0.0675	1.9565	5.1884	1.2256	8.232	1.8877	13.7789	1.88564
11300	0.0890	1.9829	5.1921	1.2275	8.285	1.8921	13.7713	1.89000
11400	0.1102	2.0089	5.1956	1.2287	8.335	1.8965	13.7634	1.89431
11500	0.1310	2.0345	5.1992	1.2307	8.387	1.9008	13.7553	1.89857
11600	0.1513	2.0595	5.2026	1.2325	8.439	1.9049	13.7457	1.90266
11700	0.1713	2.0842	5.2060	1.2337	8.489	1.9090	13.7361	1.90670
11800	0.1910	2.1084	5.2094	1.2351	8.539	1.9130	13.7257	1.91064
11900	0.2103	2.1323	5.2128	1.2371	8.590	1.9170	13.7154	1.91454
12000	0.2292	2.1557	5.2160	1.2386	8.640	1.9208	13.7038	1.91828
12100	0.2478	2.1787	5.2193	1.2395	8.688	1.9245	13.6921	1.92198
12200	0.2661	2.2014	5.2225	1.2407	8.736	1.9281	13.6803	1.92560
12300	0.2841	2.2239	5.2256	1.2422	8.785	1.9318	13.6683	1.92919
12400	0.3018	2.2458	5.2287	1.2435	8.834	1.9353	13.6555	1.93265
12500	0.3193	2.2676	5.2318	1.2442	8.880	1.9387	13.6430	1.93610
12600	0.3366	2.2891	5.2349	1.2454	8.927	1.9421	13.6303	1.93948
12700	0.3535	2.3102	5.2379	1.2465	8.974	1.9454	13.6171	1.94280
12800	0.3703	2.3311	5.2409	1.2469	9.018	1.9487	13.6040	1.94605
12900	0.3868	2.3517	5.2438	1.2476	9.064	1.9519	13.5910	1.94929
13000	0.4032	2.3721	5.2468	1.2485	9.109	1.9550	13.5779	1.95247
13100	0.4193	2.3923	5.2497	1.2492	9.154	1.9581	13.5645	1.95560
13200	0.4352	2.4122	5.2525	1.2500	9.199	1.9612	13.5511	1.95867
13300	0.4519	2.4318	5.2554	1.2503	9.242	1.9641	13.5378	1.96171
13400	0.4666	2.4513	5.2582	1.2509	9.286	1.9671	13.5248	1.96474
13500	0.4819	2.4706	5.2610	1.2515	9.329	1.9700	13.5116	1.96770
13600	0.4972	2.4897	5.2639	1.2513	9.370	1.9729	13.4986	1.97067
13700	0.5123	2.5086	5.2666	1.2515	9.412	1.9757	13.4859	1.97361
13800	0.5273	2.5274	5.2694	1.2518	9.454	1.9785	13.4733	1.97650
13900	0.5422	2.5460	5.2721	1.2512	9.492	1.9813	13.4610	1.97942
14000	0.5570	2.5645	5.2748	1.2518	9.535	1.9840	13.4490	1.98226
14100	0.5715	2.5827	5.2775	1.2528	9.580	1.9867	13.4366	1.98514

S/R= 47.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14200	0.5861	2.6009	5.2802	1.2520	9.617	1.9894	13.4249	1.98799
14300	0.6005	2.6189	5.2829	1.2516	9.656	1.9920	13.4132	1.99081
14400	0.6147	2.6368	5.2855	1.2519	9.697	1.9946	13.4019	1.99363
14500	0.6289	2.6546	5.2882	1.2515	9.735	1.9972	13.3905	1.99642
14600	0.6430	2.6722	5.2908	1.2510	9.773	1.9998	13.3796	1.99920
14700	0.6570	2.6897	5.2934	1.2511	9.813	2.0023	13.3692	2.00200
14800	0.6709	2.7071	5.2960	1.2507	9.851	2.0048	13.3589	2.00478
14900	0.6848	2.7244	5.2986	1.2501	9.888	2.0073	13.3490	2.00757
15000	0.6985	2.7416	5.3012	1.2499	9.927	2.0098	13.3394	2.01036

S/R= 47.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2000	-6.7261	-5.8219	4.1377	1.0928	2.501	1.0947	6.8648	1.09471
2100	-6.4011	-5.4667	4.1926	1.0955	2.593	1.1175	7.4204	1.11753
2200	-6.1119	-5.1491	4.2395	1.1025	2.688	1.1390	7.8898	1.13905
2300	-5.8641	-4.8747	4.2785	1.1131	2.785	1.1583	8.2557	1.15825
2400	-5.6608	-4.6470	4.3101	1.1291	2.885	1.1743	8.5101	1.17431
2500	-5.5021	-4.4660	4.3351	1.1527	2.990	1.1866	8.6519	1.18662
2600	-5.3830	-4.3267	4.3542	1.1854	3.104	1.1952	8.5933	1.19520
2700	-5.2943	-4.2197	4.3689	1.2242	3.222	1.2007	8.6605	1.20065
2800	-5.2253	-4.1337	4.3809	1.2600	3.333	1.2040	8.5854	1.20397
2900	-5.1675	-4.0599	4.3913	1.2837	3.427	1.2060	8.4904	1.20603
3000	-5.1153	-3.9924	4.4010	1.2918	3.498	1.2075	8.3914	1.20745
3100	-5.0650	-3.9275	4.4104	1.2860	3.550	1.2086	8.2988	1.20864
3200	-5.0142	-3.8625	4.4199	1.2702	3.586	1.2099	8.2172	1.20986
3300	-4.9610	-3.7953	4.4298	1.2486	3.613	1.2113	8.1527	1.21132
3400	-4.9035	-3.7242	4.4404	1.2248	3.635	1.2132	8.1090	1.21322
3500	-4.8403	-3.6476	4.4519	1.2017	3.657	1.2157	8.0882	1.21571
3600	-4.7703	-3.5641	4.4645	1.1811	3.682	1.2190	8.0944	1.21895
3700	-4.6926	-3.4731	4.4782	1.1639	3.711	1.2231	8.1276	1.22305
3800	-4.6071	-3.3743	4.4930	1.1500	3.746	1.2281	8.1896	1.22809
3900	-4.5143	-3.2680	4.5089	1.1394	3.787	1.2341	8.2770	1.23408
4000	-4.4148	-3.1551	4.5257	1.1313	3.832	1.2410	8.3874	1.24100
4100	-4.3096	-3.0365	4.5432	1.1253	3.882	1.2488	8.5188	1.24881
4200	-4.2001	-2.9135	4.5611	1.1208	3.934	1.2574	8.6663	1.25741
4300	-4.0872	-2.7872	4.5793	1.1177	3.990	1.2667	8.8280	1.26672
4400	-3.9725	-2.6592	4.5976	1.1156	4.048	1.2766	8.9979	1.27663
4500	-3.8565	-2.5298	4.6159	1.1142	4.108	1.2871	9.1758	1.28709
4600	-3.7404	-2.4005	4.6339	1.1134	4.169	1.2980	9.3566	1.29796
4700	-3.6248	-2.2719	4.6516	1.1131	4.232	1.3092	9.5394	1.30919
4800	-3.5102	-2.1443	4.6690	1.1131	4.296	1.3207	9.7228	1.32072
4900	-3.3970	-2.0183	4.6861	1.1126	4.358	1.3325	9.9056	1.33248
5000	-3.2845	-1.8931	4.7029	1.1132	4.423	1.3443	10.0902	1.34432
5100	-3.1754	-1.7716	4.7190	1.1148	4.491	1.3564	10.2665	1.35636
5200	-3.0687	-1.6526	4.7347	1.1158	4.557	1.3685	10.4389	1.36851
5300	-2.9643	-1.5360	4.7499	1.1168	4.623	1.3807	10.6077	1.38074
5400	-2.8624	-1.4222	4.7647	1.1179	4.689	1.3930	10.7713	1.39298
5500	-2.7629	-1.3110	4.7790	1.1192	4.756	1.4053	10.9309	1.40527
5600	-2.6663	-1.2027	4.7929	1.1205	4.823	1.4175	11.0843	1.41750
5700	-2.5720	-1.0970	4.8064	1.1218	4.889	1.4297	11.2333	1.42974
5800	-2.4802	-0.9940	4.8195	1.1232	4.956	1.4419	11.3771	1.44193
5900	-2.3908	-0.8935	4.8322	1.1246	5.023	1.4541	11.5166	1.45410
6000	-2.3040	-0.7959	4.8445	1.1262	5.090	1.4662	11.6496	1.46615
6100	-2.2197	-0.7008	4.8564	1.1279	5.157	1.4781	11.7782	1.47811

S/R= 47.8

T	LOG(RH))	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6200	-2.1378	-0.6084	4.8680	1.1296	5.224	1.4900	11.9017	1.49000
6300	-2.0582	-0.5184	4.8793	1.1312	5.290	1.5018	12.0202	1.50177
6400	-1.9811	-0.4311	4.8901	1.1328	5.356	1.5134	12.1327	1.51337
6500	-1.9051	-0.3460	4.9007	1.1344	5.423	1.5249	12.2415	1.52492
6600	-1.8331	-0.2632	4.9111	1.1363	5.489	1.5364	12.3459	1.53635
6700	-1.7625	-0.1829	4.9211	1.1379	5.555	1.5476	12.4447	1.54759
6800	-1.6935	-0.1044	4.9308	1.1397	5.621	1.5588	12.5401	1.55874
6900	-1.6268	-0.0283	4.9403	1.1414	5.686	1.5698	12.6307	1.56971
7000	-1.5617	0.0461	4.9495	1.1431	5.751	1.5807	12.7179	1.58060
7100	-1.4987	0.1182	4.9585	1.1451	5.817	1.5914	12.8005	1.59130
7200	-1.4374	0.1884	4.9672	1.1469	5.882	1.6019	12.8792	1.60185
7300	-1.3780	0.2566	4.9757	1.1487	5.946	1.6123	12.9534	1.61221
7400	-1.3200	0.3233	4.9840	1.1504	6.010	1.6226	13.0248	1.62247
7500	-1.2637	0.3881	4.9921	1.1524	6.075	1.6326	13.0921	1.63253
7600	-1.2090	0.4512	4.9999	1.1543	6.139	1.6426	13.1563	1.64245
7700	-1.1560	0.5125	5.0076	1.1562	6.202	1.6523	13.2164	1.65217
7800	-1.1043	0.5722	5.0151	1.1581	6.265	1.6619	13.2734	1.66174
7900	-1.0540	0.6305	5.0224	1.1599	6.328	1.6714	13.3277	1.67116
8000	-1.0051	0.6874	5.0295	1.1618	6.391	1.6807	13.3792	1.68044
8100	-0.9576	0.7426	5.0365	1.1638	6.454	1.6898	13.4271	1.68952
8200	-0.9113	0.7965	5.0433	1.1658	6.517	1.6987	13.4725	1.69846
8300	-0.8663	0.8489	5.0499	1.1678	6.579	1.7075	13.5144	1.70718
8400	-0.8226	0.9001	5.0563	1.1696	6.640	1.7161	13.5541	1.71576
8500	-0.7799	0.9501	5.0627	1.1715	6.701	1.7246	13.5915	1.72421
8600	-0.7384	0.9987	5.0689	1.1737	6.763	1.7328	13.6256	1.73244
8700	-0.6982	1.0460	5.0749	1.1759	6.824	1.7409	13.6570	1.74048
8800	-0.6589	1.0922	5.0808	1.1777	6.885	1.7488	13.6864	1.74838
8900	-0.6206	1.1373	5.0866	1.1796	6.945	1.7567	13.7139	1.75614
9000	-0.5834	1.1813	5.0922	1.1816	7.005	1.7643	13.7387	1.76371
9100	-0.5470	1.2243	5.0977	1.1838	7.065	1.7717	13.7617	1.77115
9200	-0.5117	1.2661	5.1031	1.1860	7.125	1.7790	13.7821	1.77839
9300	-0.4774	1.3068	5.1084	1.1882	7.184	1.7861	13.8002	1.78544
9400	-0.4439	1.3467	5.1135	1.1899	7.242	1.7931	13.8168	1.79237
9500	-0.4111	1.3857	5.1186	1.1920	7.301	1.8000	13.8321	1.79916
9600	-0.3792	1.4238	5.1235	1.1944	7.360	1.8066	13.8449	1.80578
9700	-0.3483	1.4608	5.1284	1.1964	7.418	1.8131	13.8559	1.81221
9800	-0.3180	1.4971	5.1332	1.1984	7.475	1.8195	13.8655	1.81854
9900	-0.2885	1.5325	5.1378	1.2007	7.533	1.8257	13.8731	1.82468
10000	-0.2597	1.5670	5.1424	1.2027	7.590	1.8317	13.8789	1.83064
10100	-0.2316	1.6008	5.1468	1.2048	7.647	1.8377	13.8838	1.83650
10200	-0.2042	1.6338	5.1512	1.2067	7.703	1.8434	13.8871	1.84221
10300	-0.1774	1.6662	5.1555	1.2087	7.759	1.8491	13.8892	1.84780
10400	-0.1513	1.6979	5.1597	1.2112	7.816	1.8546	13.8898	1.85324
10500	-0.1258	1.7287	5.1639	1.2131	7.871	1.8599	13.8890	1.85852
10600	-0.1008	1.7590	5.1679	1.2148	7.925	1.8652	13.8874	1.86371
10700	-0.0765	1.7887	5.1719	1.2170	7.980	1.8703	13.8844	1.86875
10800	-0.0527	1.8177	5.1758	1.2188	8.034	1.8753	13.8803	1.87365
10900	-0.0293	1.8462	5.1797	1.2207	8.088	1.8801	13.8756	1.87847
11000	-0.0065	1.8741	5.1835	1.2229	8.143	1.8849	13.8699	1.88317
11100	0.0158	1.9014	5.1872	1.2246	8.195	1.8895	13.8629	1.88772
11200	0.0377	1.9282	5.1908	1.2267	8.249	1.8940	13.8556	1.89220
11300	0.0590	1.9544	5.1944	1.2286	8.302	1.8984	13.8467	1.89651
11400	0.0800	1.9801	5.1980	1.2297	8.352	1.9027	13.8375	1.90075
11500	0.1007	2.0055	5.2015	1.2317	8.404	1.9069	13.8282	1.90493
11600	0.1208	2.0303	5.2049	1.2336	8.456	1.9110	13.8176	1.90896

S/R= 47.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11700	0.1406	2.0548	5.2083	1.2347	8.505	1.9150	13.8067	1.91294
11800	0.1601	2.0789	5.2115	1.2360	8.555	1.9189	13.7954	1.91681
11900	0.1793	2.1026	5.2149	1.2378	8.606	1.9228	13.7839	1.92065
12000	0.1980	2.1258	5.2182	1.2393	8.656	1.9265	13.7714	1.92435
12100	0.2165	2.1487	5.2214	1.2403	8.704	1.9302	13.7590	1.92799
12200	0.2346	2.1712	5.2245	1.2414	8.751	1.9338	13.7461	1.93155
12300	0.2526	2.1935	5.2277	1.2429	8.800	1.9373	13.7330	1.93508
12400	0.2701	2.2154	5.2308	1.2443	8.849	1.9407	13.7195	1.93849
12500	0.2875	2.2370	5.2338	1.2448	8.894	1.9441	13.7062	1.94189
12600	0.3046	2.2583	5.2369	1.2460	8.941	1.9474	13.6925	1.94522
12700	0.3215	2.2793	5.2399	1.2470	8.988	1.9507	13.6787	1.94849
12800	0.3391	2.3001	5.2428	1.2473	9.032	1.9538	13.6648	1.95169
12900	0.3546	2.3206	5.2458	1.2479	9.077	1.9570	13.6510	1.95489
13000	0.3709	2.3409	5.2487	1.2487	9.122	1.9601	13.6372	1.95803
13100	0.3869	2.3610	5.2516	1.2493	9.166	1.9631	13.6234	1.96113
13200	0.4028	2.3808	5.2544	1.2502	9.211	1.9661	13.6095	1.96418
13300	0.4185	2.4004	5.2573	1.2505	9.254	1.9690	13.5955	1.96719
13400	0.4340	2.4199	5.2601	1.2510	9.297	1.9720	13.5821	1.97018
13500	0.4493	2.4390	5.2629	1.2514	9.340	1.9748	13.5682	1.97311
13600	0.4646	2.4581	5.2656	1.2512	9.381	1.9776	13.5549	1.97605
13700	0.4797	2.4770	5.2684	1.2514	9.422	1.9804	13.5417	1.97897
13800	0.4946	2.4957	5.2711	1.2516	9.464	1.9832	13.5287	1.98184
13900	0.5095	2.5143	5.2739	1.2509	9.502	1.9859	13.5160	1.98474
14000	0.5242	2.5327	5.2766	1.2516	9.545	1.9886	13.5036	1.98757
14100	0.5388	2.5509	5.2793	1.2524	9.589	1.9913	13.4911	1.99043
14200	0.5533	2.5691	5.2819	1.2515	9.626	1.9939	13.4790	1.99327
14300	0.5676	2.5871	5.2846	1.2512	9.665	1.9965	13.4670	1.99609
14400	0.5819	2.6050	5.2873	1.2513	9.705	1.9991	13.4554	1.99890
14500	0.5961	2.6227	5.2899	1.2509	9.744	2.0016	13.4440	2.00170
14600	0.6102	2.6403	5.2925	1.2504	9.782	2.0042	13.4328	2.00448
14700	0.6242	2.6579	5.2951	1.2505	9.821	2.0067	13.4223	2.00727
14800	0.6381	2.6753	5.2977	1.2501	9.859	2.0092	13.4117	2.01006
14900	0.6520	2.6926	5.3003	1.2495	9.896	2.0117	13.4017	2.01285
15000	0.6658	2.7098	5.3029	1.2493	9.935	2.0141	13.3920	2.01564

S/R= 48.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2000	-6.7676	-5.8622	4.1438	1.0927	2.505	1.0979	6.9531	1.09793
2100	-6.4420	-5.5064	4.1983	1.0956	2.597	1.1209	7.5181	1.12090
2200	-6.1541	-5.1900	4.2445	1.1031	2.693	1.1424	7.9822	1.14239
2300	-5.9093	-4.9188	4.2828	1.1145	2.790	1.1614	8.3381	1.16137
2400	-5.7106	-4.6958	4.3136	1.1316	2.891	1.1770	8.5779	1.17701
2500	-5.5574	-4.5205	4.3376	1.1572	2.999	1.1888	8.7027	1.18875
2600	-5.4436	-4.3868	4.3559	1.1922	3.115	1.1967	8.7278	1.19672
2700	-5.3590	-4.2840	4.3700	1.2321	3.233	1.2017	8.6825	1.20168
2800	-5.2926	-4.2008	4.3815	1.2670	3.343	1.2046	8.5993	1.20465
2900	-5.2363	-4.1285	4.3918	1.2880	3.433	1.2065	8.4998	1.20650
3000	-5.1847	-4.0617	4.4013	1.2929	3.500	1.2078	8.3988	1.20781
3100	-5.1344	-3.9968	4.4108	1.2845	3.548	1.2090	8.3059	1.20895
3200	-5.0832	-3.9313	4.4203	1.2669	3.582	1.2102	8.2256	1.21018
3300	-5.0290	-3.8632	4.4304	1.2440	3.607	1.2117	8.1635	1.21170
3400	-4.9701	-3.7906	4.4412	1.2196	3.628	1.2137	8.1234	1.21371
3500	-4.9050	-3.7120	4.4530	1.1965	3.650	1.2164	8.1076	1.21635
3600	-4.8327	-3.6262	4.4659	1.1763	3.675	1.2198	8.1200	1.21980

S/R= 48.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3700	-4.7524	-3.5325	4.4799	1.1595	3.706	1.2241	8.1502	1.22413
3800	-4.6641	-3.4307	4.4952	1.1464	3.742	1.2294	8.2299	1.22945
3900	-4.5682	-3.3214	4.5115	1.1363	3.784	1.2357	8.3251	1.23573
4000	-4.4658	-3.2054	4.5286	1.1286	3.831	1.2430	8.4435	1.24296
4100	-4.3578	-3.0839	4.5464	1.1231	3.881	1.2511	8.5825	1.25108
4200	-4.2456	-2.9581	4.5646	1.1190	3.935	1.2600	8.7370	1.25998
4300	-4.1303	-2.8293	4.5831	1.1161	3.992	1.2696	8.9052	1.26959
4400	-4.0133	-2.6989	4.6016	1.1142	4.051	1.2798	9.0810	1.27978
4500	-3.8953	-2.5674	4.6200	1.1130	4.111	1.2905	9.2641	1.29051
4600	-3.7774	-2.4363	4.6382	1.1124	4.173	1.3016	9.4496	1.30164
4700	-3.6602	-2.3059	4.6560	1.1122	4.237	1.3131	9.6365	1.31311
4800	-3.5441	-2.1769	4.6735	1.1123	4.301	1.3249	9.8237	1.32487
4900	-3.4297	-2.0496	4.6906	1.1119	4.364	1.3368	10.0096	1.33685
5000	-3.3160	-1.9232	4.7074	1.1126	4.430	1.3489	10.1971	1.34889
5100	-3.2059	-1.8006	4.7236	1.1142	4.497	1.3611	10.3758	1.36113
5200	-3.0983	-1.6806	4.7393	1.1152	4.564	1.3735	10.5504	1.37346
5300	-2.9931	-1.5632	4.7545	1.1163	4.631	1.3859	10.7211	1.38587
5400	-2.8905	-1.4487	4.7693	1.1175	4.697	1.3983	10.8862	1.39828
5500	-2.7904	-1.3368	4.7836	1.1188	4.764	1.4107	11.0474	1.41073
5600	-2.6932	-1.2279	4.7975	1.1201	4.832	1.4231	11.2018	1.42311
5700	-2.5984	-1.1216	4.8109	1.1215	4.898	1.4355	11.3519	1.43549
5800	-2.5062	-1.0182	4.8240	1.1229	4.966	1.4478	11.4965	1.44781
5900	-2.4163	-0.9172	4.8367	1.1244	5.033	1.4601	11.6368	1.46011
6000	-2.3293	-0.8193	4.8489	1.1260	5.100	1.4723	11.7705	1.47229
6100	-2.2446	-0.7239	4.8609	1.1276	5.167	1.4844	11.8994	1.48437
6200	-2.1624	-0.6312	4.8724	1.1294	5.234	1.4964	12.0233	1.49637
6300	-2.0827	-0.5410	4.8836	1.1310	5.301	1.5083	12.1420	1.50825
6400	-2.0053	-0.4535	4.8945	1.1326	5.368	1.5200	12.2548	1.51996
6500	-1.9301	-0.3682	4.9051	1.1343	5.434	1.5316	12.3636	1.53160
6600	-1.8570	-0.2852	4.9153	1.1362	5.501	1.5431	12.4679	1.54312
6700	-1.7862	-0.2047	4.9253	1.1379	5.567	1.5545	12.5668	1.55445
6800	-1.7172	-0.1261	4.9350	1.1396	5.633	1.5657	12.6618	1.56568
6900	-1.6504	-0.0500	4.9444	1.1414	5.698	1.5768	12.7522	1.57673
7000	-1.5852	0.0245	4.9535	1.1431	5.764	1.5877	12.8391	1.58768
7100	-1.5222	0.0966	4.9626	1.1451	5.830	1.5985	12.9213	1.59846
7200	-1.4609	0.1669	4.9713	1.1470	5.895	1.6091	12.9995	1.60907
7300	-1.4015	0.2351	4.9797	1.1487	5.959	1.6196	13.0733	1.61949
7400	-1.3435	0.3018	4.9880	1.1505	6.024	1.6299	13.1441	1.62980
7500	-1.2872	0.3665	4.9960	1.1525	6.088	1.6400	13.2107	1.63991
7600	-1.2326	0.4296	5.0038	1.1545	6.153	1.6500	13.2744	1.64987
7700	-1.1796	0.4908	5.0114	1.1564	6.217	1.6598	13.3337	1.65963
7800	-1.1280	0.5505	5.0189	1.1583	6.280	1.6694	13.3899	1.66924
7900	-1.0778	0.6087	5.0261	1.1601	6.343	1.6789	13.4434	1.67869
8000	-1.0290	0.6654	5.0332	1.1620	6.406	1.6882	13.4942	1.68800
8100	-0.9815	0.7206	5.0401	1.1641	6.469	1.6973	13.5411	1.69709
8200	-0.9354	0.7743	5.0469	1.1661	6.532	1.7063	13.5855	1.70605
8300	-0.8906	0.8266	5.0535	1.1681	6.594	1.7151	13.5264	1.71478
8400	-0.8469	0.8776	5.0599	1.1699	6.656	1.7237	13.6651	1.72337
8500	-0.8044	0.9275	5.0662	1.1719	6.717	1.7322	13.7015	1.73181
8600	-0.7631	0.9759	5.0723	1.1741	6.779	1.7404	13.7346	1.74004
8700	-0.7230	1.0230	5.0783	1.1763	6.840	1.7485	13.7647	1.74808
8800	-0.6839	1.0690	5.0841	1.1782	6.901	1.7564	13.7930	1.75597
8900	-0.6458	1.1140	5.0899	1.1801	6.961	1.7642	13.8194	1.76372
9000	-0.6087	1.1578	5.0955	1.1822	7.021	1.7718	13.8429	1.77126
9100	-0.5726	1.2005	5.1010	1.1844	7.081	1.7792	13.8647	1.77868

S/R= 48.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9200	-0.5375	1.2422	5.1063	1.1967	7.142	1.7865	13.8839	1.78590
9300	-0.5034	1.2827	5.1115	1.1888	7.201	1.7936	13.9007	1.79292
9400	-0.4701	1.3223	5.1166	1.1906	7.259	1.8005	13.9160	1.79981
9500	-0.4375	1.3611	5.1217	1.1927	7.318	1.8073	13.9299	1.80657
9600	-0.4058	1.3989	5.1266	1.1952	7.377	1.8139	13.9415	1.81314
9700	-0.3751	1.4357	5.1314	1.1972	7.435	1.8204	13.9510	1.81954
9800	-0.3450	1.4718	5.1361	1.1993	7.493	1.8267	13.9593	1.82581
9900	-0.3157	1.5069	5.1407	1.2016	7.551	1.8329	13.9656	1.83190
10000	-0.2872	1.5412	5.1452	1.2035	7.607	1.8388	13.9700	1.83782
10100	-0.2593	1.5748	5.1496	1.2057	7.664	1.8447	13.9734	1.84362
10200	-0.2322	1.6076	5.1540	1.2076	7.720	1.8504	13.9753	1.84926
10300	-0.2056	1.6397	5.1582	1.2097	7.776	1.8560	13.9761	1.85480
10400	-0.1796	1.5711	5.1624	1.2122	7.833	1.8614	13.9753	1.86018
10500	-0.1544	1.7017	5.1665	1.2141	7.888	1.8667	13.9731	1.86540
10600	-0.1296	1.7318	5.1705	1.2159	7.943	1.8719	13.9703	1.87052
10700	-0.1055	1.7612	5.1745	1.2181	7.998	1.8769	13.9658	1.87550
10800	-0.0819	1.7900	5.1783	1.2199	8.052	1.8818	13.9603	1.88033
10900	-0.0587	1.8182	5.1821	1.2218	8.106	1.8866	13.9543	1.88508
11000	-0.0361	1.8459	5.1859	1.2239	8.160	1.8912	13.9473	1.88970
11100	-0.0140	1.8730	5.1896	1.2255	8.212	1.8958	13.9392	1.89419
11200	0.0077	1.8996	5.1932	1.2276	8.266	1.9003	13.9307	1.89862
11300	0.0288	1.9255	5.1967	1.2296	8.319	1.9045	13.9205	1.90285
11400	0.0496	1.9511	5.2002	1.2308	8.369	1.9087	13.9101	1.90703
11500	0.0701	1.9763	5.2037	1.2328	8.421	1.9129	13.8997	1.91114
11600	0.0900	2.0009	5.2071	1.2346	8.473	1.9169	13.8879	1.91510
11700	0.1097	2.0252	5.2104	1.2357	8.522	1.9208	13.8759	1.91901
11800	0.1289	2.0490	5.2138	1.2370	8.571	1.9247	13.8634	1.92282
11900	0.1480	2.0726	5.2170	1.2387	8.622	1.9284	13.8510	1.92659
12000	0.1666	2.0956	5.2202	1.2400	8.671	1.9321	13.8374	1.93023
12100	0.1849	2.1184	5.2234	1.2410	8.718	1.9357	13.8241	1.93382
12200	0.2030	2.1408	5.2266	1.2421	8.766	1.9392	13.8103	1.93734
12300	0.2208	2.1629	5.2297	1.2436	8.815	1.9427	13.7965	1.94081
12400	0.2382	2.1846	5.2327	1.2449	8.863	1.9460	13.7820	1.94417
12500	0.2555	2.2061	5.2358	1.2455	8.908	1.9493	13.7679	1.94751
12600	0.2725	2.2273	5.2388	1.2464	8.955	1.9526	13.7535	1.95079
12700	0.2892	2.2482	5.2418	1.2474	9.001	1.9558	13.7388	1.95401
12800	0.3058	2.2689	5.2447	1.2477	9.045	1.9589	13.7241	1.95716
12900	0.3222	2.2893	5.2476	1.2483	9.089	1.9620	13.7097	1.96032
13000	0.3384	2.3095	5.2505	1.2489	9.134	1.9650	13.6954	1.96342
13100	0.3544	2.3295	5.2534	1.2495	9.178	1.9680	13.6809	1.96649
13200	0.3702	2.3493	5.2562	1.2503	9.223	1.9709	13.6665	1.96951
13300	0.3858	2.3588	5.2591	1.2504	9.265	1.9738	13.6521	1.97250
13400	0.4013	2.3882	5.2619	1.2509	9.308	1.9767	13.6383	1.97547
13500	0.4166	2.4073	5.2646	1.2514	9.351	1.9795	13.6240	1.97838
13600	0.4318	2.4264	5.2674	1.2512	9.392	1.9823	13.6101	1.98129
13700	0.4469	2.4452	5.2702	1.2511	9.432	1.9850	13.5966	1.98419
13800	0.4618	2.4638	5.2729	1.2512	9.474	1.9877	13.5831	1.98704
13900	0.4766	2.4824	5.2756	1.2506	9.512	1.9904	13.5701	1.98992
14000	0.4914	2.5009	5.2783	1.2512	9.555	1.9930	13.5576	1.99274
14100	0.5059	2.5190	5.2810	1.2519	9.598	1.9957	13.5445	1.99559
14200	0.5204	2.5372	5.2837	1.2511	9.635	1.9983	13.5322	1.99842
14300	0.5348	2.5552	5.2863	1.2507	9.674	2.0009	13.5201	2.00123
14400	0.5490	2.5730	5.2890	1.2506	9.713	2.0035	13.5083	2.00404
14500	0.5632	2.5908	5.2915	1.2503	9.752	2.0060	13.4967	2.00683
14600	0.5773	2.6084	5.2942	1.2498	9.790	2.0085	13.4855	2.00962

S/R= 48.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14700	0.5914	2.6260	5.2968	1.2497	9.829	2.0110	13.4745	2.01243
14800	0.6053	2.6434	5.2994	1.2494	9.867	2.0135	13.4641	2.01521
14900	0.6192	2.6607	5.3020	1.2487	9.904	2.0159	13.4538	2.01801
15000	0.6330	2.6780	5.3046	1.2484	9.942	2.0184	13.4439	2.02081

S/R= 48.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2000	-6.8088	-5.9021	4.1500	1.0927	2.509	1.1012	7.0521	1.10116
2100	-6.4829	-5.5460	4.2039	1.0957	2.601	1.1243	7.5158	1.12426
2200	-6.1965	-5.2312	4.2495	1.1037	2.697	1.1457	8.0737	1.14569
2300	-5.9551	-4.9634	4.2870	1.1159	2.796	1.1644	8.4185	1.16443
2400	-5.7613	-4.7455	4.3169	1.1345	2.898	1.1796	8.6430	1.17960
2500	-5.6138	-4.5762	4.3400	1.1522	3.008	1.1907	8.7503	1.19075
2600	-5.5053	-4.4479	4.3574	1.1693	3.126	1.1981	8.7592	1.19812
2700	-5.4245	-4.3492	4.3710	1.2401	3.245	1.2026	8.7022	1.20260
2800	-5.3605	-4.2684	4.3822	1.2735	3.352	1.2053	8.5117	1.20526
2900	-5.3053	-4.1974	4.3922	1.2916	3.438	1.2069	8.5084	1.20693
3000	-5.2542	-4.1311	4.4017	1.2935	3.501	1.2081	8.4058	1.20814
3100	-5.2038	-4.0661	4.4111	1.2826	3.546	1.2093	8.3130	1.20925
3200	-5.1520	-4.0000	4.4208	1.2631	3.577	1.2105	8.2341	1.21050
3300	-5.0967	-3.9308	4.4310	1.2392	3.600	1.2121	8.1747	1.21210
3400	-5.0363	-3.8567	4.4420	1.2143	3.621	1.2142	8.1387	1.21422
3500	-4.9693	-3.7761	4.4541	1.1914	3.643	1.2170	8.1282	1.21702
3600	-4.8946	-3.6878	4.4673	1.1716	3.669	1.2207	8.1471	1.22068
3700	-4.8116	-3.5913	4.4817	1.1554	3.701	1.2253	8.1946	1.22527
3800	-4.7203	-3.4864	4.4974	1.1428	3.739	1.2309	8.2721	1.23087
3900	-4.6214	-3.3740	4.5141	1.1333	3.782	1.2375	8.3755	1.23745
4000	-4.5160	-3.2549	4.5316	1.1261	3.830	1.2450	8.5018	1.24499
4100	-4.4051	-3.1304	4.5497	1.1210	3.881	1.2534	8.6482	1.25342
4200	-4.2903	-3.0019	4.5682	1.1172	3.936	1.2626	8.8099	1.26263
4300	-4.1725	-2.8705	4.5870	1.1146	3.994	1.2725	8.9845	1.27253
4400	-4.0534	-2.7378	4.6056	1.1129	4.053	1.2830	9.1660	1.28301
4500	-3.9333	-2.6043	4.6242	1.1119	4.115	1.2940	9.3544	1.29401
4600	-3.8137	-2.4713	4.6425	1.1114	4.178	1.3054	9.5444	1.30539
4700	-3.6949	-2.3393	4.6605	1.1113	4.241	1.3171	9.7354	1.31710
4800	-3.5775	-2.2088	4.6780	1.1115	4.306	1.3291	9.9262	1.32908
4900	-3.4618	-2.0802	4.6952	1.1113	4.370	1.3413	10.1151	1.34128
5000	-3.3470	-1.9527	4.7120	1.1120	4.436	1.3535	10.3052	1.35352
5100	-3.2359	-1.8291	4.7282	1.1137	4.504	1.3660	10.4863	1.36595
5200	-3.1274	-1.7082	4.7439	1.1147	4.571	1.3785	10.6630	1.37846
5300	-3.0215	-1.5900	4.7591	1.1159	4.638	1.3910	10.8355	1.39104
5400	-2.9182	-1.4747	4.7739	1.1171	4.705	1.4036	11.0022	1.40361
5500	-2.8175	-1.3622	4.7882	1.1194	4.773	1.4162	11.1647	1.41622
5600	-2.7198	-1.2528	4.8020	1.1198	4.840	1.4288	11.3203	1.42875
5700	-2.6244	-1.1460	4.8155	1.1211	4.908	1.4413	11.4713	1.44127
5800	-2.5319	-1.0421	4.8285	1.1226	4.975	1.4537	11.6168	1.45373
5900	-2.4416	-0.9407	4.8412	1.1241	5.043	1.4662	11.7575	1.46616
6000	-2.3542	-0.8424	4.8534	1.1258	5.110	1.4785	11.8920	1.47845
6100	-2.2693	-0.7467	4.8653	1.1274	5.178	1.4907	12.0212	1.49065
6200	-2.1868	-0.6537	4.8768	1.1292	5.245	1.5028	12.1455	1.50276
6300	-2.1068	-0.5633	4.8880	1.1309	5.312	1.5148	12.2643	1.51475
6400	-2.0293	-0.4756	4.8988	1.1325	5.379	1.5266	12.3771	1.52656
6500	-1.9539	-0.3901	4.9093	1.1342	5.446	1.5383	12.4861	1.53830
6600	-1.8807	-0.3070	4.9195	1.1361	5.513	1.5499	12.5902	1.54990



S/R= 48.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6700	-1.9398	-0.2264	4.9295	1.1378	5.579	1.5613	12.6890	1.56132
6800	-1.7407	-0.1477	4.9392	1.1396	5.645	1.5727	12.7839	1.57262
6900	-1.6739	-0.0715	4.9486	1.1414	5.711	1.5838	12.8737	1.58375
7000	-1.6087	0.0030	4.9577	1.1431	5.777	1.5948	12.9604	1.59478
7100	-1.5456	0.0752	4.9666	1.1452	5.843	1.6057	13.0422	1.60561
7200	-1.4842	0.1455	4.9753	1.1470	5.908	1.6164	13.1199	1.61629
7300	-1.4249	0.2137	4.9837	1.1488	5.973	1.6268	13.1932	1.62676
7400	-1.3669	0.2803	4.9919	1.1506	6.038	1.6372	13.2634	1.63712
7500	-1.3107	0.3450	4.9999	1.1526	6.102	1.6474	13.3295	1.64728
7600	-1.2561	0.4080	5.0077	1.1546	6.167	1.6574	13.3922	1.65728
7700	-1.2032	0.4691	5.0152	1.1566	6.231	1.6672	13.4509	1.66707
7800	-1.1517	0.5287	5.0226	1.1584	6.295	1.6769	13.5063	1.67671
7900	-1.1016	0.5868	5.0299	1.1603	6.358	1.6864	13.5589	1.68619
8000	-1.0528	0.6435	5.0369	1.1623	6.421	1.6957	13.6087	1.69552
8100	-1.0055	0.6985	5.0438	1.1644	6.484	1.7048	13.6548	1.70464
8200	-0.9595	0.7521	5.0505	1.1665	6.547	1.7138	13.6983	1.71360
8300	-0.9149	0.8043	5.0570	1.1684	6.610	1.7226	13.7381	1.72234
8400	-0.8713	0.8552	5.0634	1.1703	6.671	1.7312	13.7757	1.73094
8500	-0.8289	0.9048	5.0696	1.1723	6.733	1.7397	13.8109	1.73938
8600	-0.7878	0.9531	5.0757	1.1746	6.795	1.7480	13.8429	1.74760
8700	-0.7479	1.0000	5.0817	1.1768	6.857	1.7560	13.8719	1.75562
8800	-0.7090	1.0458	5.0875	1.1787	6.917	1.7639	13.8989	1.76351
8900	-0.6710	1.0906	5.0932	1.1807	6.977	1.7717	13.9240	1.77124
9000	-0.6342	1.1341	5.0987	1.1828	7.038	1.7792	13.9463	1.77876
9100	-0.5983	1.1767	5.1041	1.1850	7.098	1.7867	13.9668	1.78615
9200	-0.5634	1.2181	5.1094	1.1873	7.158	1.7939	13.9847	1.79333
9300	-0.5294	1.2584	5.1146	1.1896	7.218	1.8009	14.0002	1.80031
9400	-0.4964	1.2978	5.1197	1.1914	7.276	1.8078	14.0141	1.80717
9500	-0.4640	1.3363	5.1247	1.1934	7.335	1.8146	14.0266	1.81388
9600	-0.4326	1.3739	5.1295	1.1960	7.395	1.8212	14.0368	1.82041
9700	-0.4020	1.4105	5.1343	1.1981	7.452	1.8275	14.0450	1.82676
9800	-0.3722	1.4463	5.1390	1.2001	7.510	1.8338	14.0519	1.83298
9900	-0.3431	1.4812	5.1435	1.2025	7.568	1.8399	14.0567	1.83902
10000	-0.3149	1.5152	5.1480	1.2045	7.625	1.8458	14.0597	1.84487
10100	-0.2872	1.5485	5.1524	1.2067	7.682	1.8516	14.0616	1.85061
10200	-0.2603	1.5810	5.1567	1.2087	7.738	1.8572	14.0621	1.85619
10300	-0.2339	1.6129	5.1609	1.2107	7.794	1.8627	14.0614	1.86167
10400	-0.2082	1.6441	5.1650	1.2131	7.851	1.8681	14.0594	1.86698
10500	-0.1832	1.6745	5.1690	1.2151	7.906	1.8733	14.0558	1.87214
10600	-0.1587	1.7043	5.1730	1.2169	7.960	1.8784	14.0514	1.87719
10700	-0.1347	1.7334	5.1769	1.2191	8.015	1.8834	14.0458	1.88210
10800	-0.1114	1.7620	5.1808	1.2211	8.069	1.8882	14.0388	1.88686
10900	-0.0884	1.7900	5.1845	1.2229	8.123	1.8929	14.0315	1.89153
11000	-0.0660	1.8174	5.1882	1.2250	8.177	1.8975	14.0230	1.89608
11100	-0.0441	1.8442	5.1919	1.2266	8.229	1.9019	14.0136	1.90050
11200	-0.0226	1.8707	5.1955	1.2285	8.282	1.9063	14.0038	1.90485
11300	-0.0016	1.8964	5.1990	1.2306	8.335	1.9105	13.9927	1.90903
11400	0.0189	1.9218	5.2024	1.2319	8.385	1.9147	13.9810	1.91314
11500	0.0392	1.9468	5.2059	1.2338	8.438	1.9187	13.9693	1.91719
11600	0.0590	1.9712	5.2092	1.2356	8.489	1.9226	13.9565	1.92108
11700	0.0785	1.9953	5.2126	1.2366	8.537	1.9265	13.9435	1.92492
11800	0.0976	2.0189	5.2158	1.2379	8.587	1.9302	13.9299	1.92866
11900	0.1165	2.0423	5.2191	1.2396	8.637	1.9339	13.9164	1.93237
12000	0.1349	2.0652	5.2223	1.2408	8.686	1.9375	13.9019	1.93594
12100	0.1531	2.0878	5.2254	1.2418	8.733	1.9410	13.8875	1.93947

S/R= 48.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12200	0.1710	2.1101	5.2285	1.2427	8.780	1.9445	13.8728	1.94293
12300	0.1888	2.1321	5.2316	1.2441	8.829	1.9479	13.8584	1.94637
12400	0.2061	2.1537	5.2347	1.2454	8.877	1.9512	13.8432	1.94968
12500	0.2233	2.1750	5.2377	1.2460	8.922	1.9544	13.8281	1.95297
12600	0.2402	2.1961	5.2407	1.2470	8.968	1.9576	13.8130	1.95620
12700	0.2568	2.2169	5.2436	1.2478	9.014	1.9607	13.7976	1.95937
12800	0.2733	2.2375	5.2465	1.2480	9.057	1.9638	13.7823	1.96249
12900	0.2896	2.2578	5.2494	1.2485	9.101	1.9668	13.7673	1.96560
13000	0.3057	2.2779	5.2523	1.2491	9.146	1.9698	13.7522	1.96867
13100	0.3217	2.2978	5.2552	1.2496	9.190	1.9727	13.7373	1.97170
13200	0.3374	2.3175	5.2580	1.2503	9.234	1.9756	13.7223	1.97469
13300	0.3530	2.3370	5.2608	1.2504	9.276	1.9785	13.7076	1.97765
13400	0.3685	2.3564	5.2636	1.2507	9.318	1.9813	13.6931	1.98059
13500	0.3837	2.3755	5.2664	1.2510	9.361	1.9840	13.6785	1.98349
13600	0.3989	2.3945	5.2691	1.2509	9.401	1.9868	13.6644	1.98639
13700	0.4140	2.4133	5.2719	1.2509	9.442	1.9895	13.6505	1.98927
13800	0.4288	2.4319	5.2746	1.2509	9.483	1.9922	13.6367	1.99211
13900	0.4437	2.4504	5.2773	1.2501	9.521	1.9948	13.6233	1.99497
14000	0.4584	2.4689	5.2800	1.2507	9.564	1.9974	13.6105	1.99778
14100	0.4729	2.4870	5.2827	1.2514	9.606	2.0001	13.5973	2.00062
14200	0.4874	2.5052	5.2853	1.2505	9.643	2.0026	13.5848	2.00345
14300	0.5018	2.5232	5.2880	1.2501	9.682	2.0052	13.5725	2.00625
14400	0.5161	2.5410	5.2906	1.2499	9.721	2.0077	13.5606	2.00906
14500	0.5303	2.5588	5.2933	1.2496	9.760	2.0103	13.5489	2.01186
14600	0.5444	2.5764	5.2959	1.2490	9.797	2.0127	13.5374	2.01465
14700	0.5585	2.5940	5.2985	1.2489	9.836	2.0152	13.5266	2.01746
14800	0.5725	2.6114	5.3011	1.2486	9.874	2.0177	13.5159	2.02026
14900	0.5864	2.6288	5.3037	1.2480	9.911	2.0201	13.5055	2.02307
15000	0.6002	2.6461	5.3063	1.2478	9.950	2.0226	13.4957	2.02588

S/R= 48.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2000	-6.8497	-5.9417	4.1560	1.0927	2.512	1.1044	7.1515	1.10442
2100	-6.5238	-5.5855	4.2095	1.0959	2.605	1.1276	7.7132	1.12761
2200	-6.2392	-5.2727	4.2543	1.1045	2.702	1.1490	8.1642	1.14896
2300	-6.0015	-5.0087	4.2910	1.1176	2.801	1.1674	8.4970	1.16740
2400	-5.8129	-4.7962	4.3200	1.1377	2.905	1.1821	8.7052	1.18208
2500	-5.6712	-4.6329	4.3422	1.1676	3.017	1.1926	8.7945	1.19261
2600	-5.5678	-4.5100	4.3589	1.2068	3.137	1.1994	8.7879	1.19938
2700	-5.4907	-4.4150	4.3719	1.2480	3.256	1.2034	8.7198	1.20342
2800	-5.4287	-4.3364	4.3828	1.2796	3.361	1.2058	8.6228	1.20580
2900	-5.3746	-4.2666	4.3926	1.2946	3.443	1.2073	8.5162	1.20731
3000	-5.3238	-4.2006	4.4020	1.2935	3.502	1.2084	8.4125	1.20845
3100	-5.2732	-4.1354	4.4115	1.2802	3.543	1.2095	8.3200	1.20955
3200	-5.2207	-4.0686	4.4212	1.2591	3.572	1.2108	8.2429	1.21083
3300	-5.1643	-3.9983	4.4316	1.2342	3.594	1.2125	8.1865	1.21250
3400	-5.1023	-3.9224	4.4429	1.2090	3.614	1.2147	8.1549	1.21475
3500	-5.0331	-3.8397	4.4552	1.1863	3.636	1.2177	8.1500	1.21773
3600	-4.9558	-3.7488	4.4688	1.1670	3.663	1.2216	8.1756	1.22160
3700	-4.8700	-3.6493	4.4836	1.1514	3.696	1.2265	8.2308	1.22645
3800	-4.7757	-3.5413	4.4997	1.1395	3.735	1.2323	8.3164	1.23234
3900	-4.6738	-3.4257	4.5168	1.1305	3.780	1.2392	8.4280	1.23924
4000	-4.5653	-3.3035	4.5346	1.1238	3.829	1.2471	8.5623	1.24709
4100	-4.4516	-3.1761	4.5531	1.1190	3.882	1.2558	8.7163	1.25584

S/R= 48.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4200	-4.3342	-3.0449	4.5719	1.1155	3.937	1.2654	8.8849	1.26535
4300	-4.2140	-2.9110	4.5909	1.1132	3.996	1.2756	9.0659	1.27555
4400	-4.0927	-2.7760	4.6097	1.1117	4.056	1.2863	9.2530	1.28631
4500	-3.9707	-2.6405	4.6285	1.1108	4.118	1.2976	9.4464	1.29757
4600	-3.8493	-2.5057	4.6469	1.1105	4.182	1.3092	9.6409	1.30920
4700	-3.7290	-2.3721	4.6649	1.1105	4.246	1.3211	9.8358	1.32115
4800	-3.6102	-2.2402	4.6825	1.1108	4.312	1.3334	10.0299	1.33336
4900	-3.4934	-2.1103	4.6997	1.1107	4.376	1.3458	10.2219	1.34576
5000	-3.3775	-1.9817	4.7166	1.1114	4.443	1.3582	10.4147	1.35820
5100	-3.2655	-1.8571	4.7328	1.1132	4.511	1.3708	10.5979	1.37082
5200	-3.1562	-1.7353	4.7485	1.1143	4.578	1.3835	10.7767	1.38351
5300	-3.0495	-1.6164	4.7637	1.1155	4.646	1.3963	10.9508	1.39625
5400	-2.9456	-1.5004	4.7785	1.1167	4.714	1.4090	11.1191	1.40899
5500	-2.8443	-1.3872	4.7928	1.1181	4.782	1.4218	11.2827	1.42175
5600	-2.7460	-1.2773	4.8065	1.1195	4.849	1.4344	11.4395	1.43443
5700	-2.6502	-1.1700	4.8200	1.1209	4.917	1.4471	11.5914	1.44708
5800	-2.5572	-1.0657	4.8330	1.1223	4.985	1.4597	11.7377	1.45968
5900	-2.4666	-0.9640	4.8456	1.1239	5.053	1.4722	11.8790	1.47223
6000	-2.3789	-0.8653	4.8578	1.1255	5.120	1.4847	12.0140	1.48465
6100	-2.2937	-0.7693	4.8697	1.1273	5.188	1.4970	12.1436	1.49696
6200	-2.2110	-0.6760	4.8812	1.1290	5.256	1.5092	12.2681	1.50918
6300	-2.1308	-0.5854	4.8923	1.1307	5.323	1.5213	12.3871	1.52127
6400	-2.0532	-0.4975	4.9031	1.1324	5.390	1.5332	12.4999	1.53317
6500	-1.9776	-0.4119	4.9135	1.1341	5.457	1.5450	12.6089	1.54501
6600	-1.9042	-0.3286	4.9238	1.1361	5.525	1.5567	12.7129	1.55670
6700	-1.8333	-0.2479	4.9337	1.1377	5.591	1.5682	12.8114	1.56819
6800	-1.7641	-0.1692	4.9433	1.1396	5.658	1.5796	12.9061	1.57958
6900	-1.6972	-0.0929	4.9525	1.1414	5.724	1.5908	12.9956	1.59078
7000	-1.6319	-0.0183	4.9619	1.1431	5.790	1.6019	13.0819	1.60187
7100	-1.5688	0.0538	4.9706	1.1452	5.856	1.6128	13.1631	1.61277
7200	-1.5075	0.1241	4.9792	1.1471	5.922	1.6236	13.2403	1.62350
7300	-1.4482	0.1923	4.9876	1.1489	5.987	1.6341	13.3129	1.63403
7400	-1.3902	0.2589	4.9958	1.1507	6.051	1.6445	13.3826	1.64443
7500	-1.3341	0.3236	5.0037	1.1527	6.116	1.6547	13.4478	1.65463
7600	-1.2795	0.3865	5.0115	1.1548	6.181	1.6648	13.5099	1.66468
7700	-1.2267	0.4475	5.0190	1.1567	6.245	1.6746	13.5677	1.67450
7800	-1.1753	0.5070	5.0263	1.1587	6.309	1.6843	13.6223	1.68416
7900	-1.1253	0.5650	5.0335	1.1606	6.373	1.6938	13.6740	1.69367
8000	-1.0767	0.6215	5.0405	1.1626	6.436	1.7032	13.7228	1.70302
8100	-1.0295	0.6764	5.0474	1.1647	6.499	1.7123	13.7679	1.71215
8200	-0.9836	0.7299	5.0540	1.1668	6.563	1.7213	13.8104	1.72112
8300	-0.9391	0.7819	5.0605	1.1688	6.625	1.7301	13.8491	1.72986
8400	-0.8958	0.8326	5.0668	1.1707	6.687	1.7387	13.8855	1.73846
8500	-0.8535	0.8821	5.0730	1.1728	6.749	1.7472	13.9196	1.74690
8600	-0.8126	0.9302	5.0791	1.1751	6.811	1.7554	13.9505	1.75511
8700	-0.7729	0.9769	5.0850	1.1773	6.873	1.7635	13.9783	1.76311
8800	-0.7341	1.0225	5.0907	1.1793	6.933	1.7714	14.0040	1.77098
8900	-0.6964	1.0670	5.0964	1.1813	6.994	1.7791	14.0278	1.77868
9000	-0.6598	1.1104	5.1019	1.1834	7.054	1.7866	14.0487	1.78618
9100	-0.6240	1.1527	5.1073	1.1857	7.115	1.7940	14.0680	1.79353
9200	-0.5893	1.1939	5.1125	1.1880	7.175	1.8012	14.0845	1.80068
9300	-0.5557	1.2339	5.1177	1.1903	7.235	1.8082	14.0986	1.80762
9400	-0.5228	1.2731	5.1227	1.1922	7.293	1.8150	14.1111	1.81444
9500	-0.4907	1.3114	5.1276	1.1942	7.352	1.8217	14.1220	1.82110
9600	-0.4595	1.3487	5.1324	1.1968	7.411	1.8283	14.1309	1.82758

S/R= 48.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9700	-0.4292	1.3850	5.1371	1.1990	7.470	1.8346	14.1375	1.83387
9800	-0.3995	1.4205	5.1418	1.2011	7.527	1.8408	14.1430	1.84004
9900	-0.3707	1.4552	5.1463	1.2034	7.585	1.8468	14.1465	1.84602
10000	-0.3427	1.4889	5.1507	1.2055	7.642	1.8527	14.1479	1.85181
10100	-0.3153	1.5220	5.1550	1.2077	7.699	1.8584	14.1485	1.85748
10200	-0.2886	1.5543	5.1593	1.2098	7.755	1.8639	14.1473	1.86300
10300	-0.2625	1.5859	5.1635	1.2119	7.811	1.8694	14.1453	1.86840
10400	-0.2370	1.6168	5.1675	1.2142	7.868	1.8747	14.1417	1.87364
10500	-0.2122	1.6469	5.1715	1.2161	7.923	1.8798	14.1368	1.87874
10600	-0.1879	1.6765	5.1755	1.2181	7.977	1.8848	14.1311	1.88372
10700	-0.1642	1.7054	5.1793	1.2203	8.033	1.8897	14.1240	1.88855
10800	-0.1411	1.7337	5.1831	1.2222	8.086	1.8944	14.1157	1.89323
10900	-0.1184	1.7615	5.1869	1.2241	8.140	1.8990	14.1070	1.89784
11000	-0.0962	1.7885	5.1905	1.2261	8.194	1.9035	14.0971	1.90231
11100	-0.0745	1.8153	5.1941	1.2278	8.246	1.9079	14.0864	1.90665
11200	-0.0532	1.8414	5.1977	1.2297	8.299	1.9122	14.0754	1.91093
11300	-0.0324	1.8670	5.2012	1.2316	8.351	1.9163	14.0630	1.91504
11400	-0.0120	1.8922	5.2046	1.2328	8.401	1.9204	14.0503	1.91909
11500	0.0082	1.9170	5.2080	1.2348	8.453	1.9244	14.0376	1.92307
11600	0.0277	1.9412	5.2113	1.2366	8.505	1.9282	14.0235	1.92689
11700	0.0471	1.9651	5.2146	1.2375	8.553	1.9320	14.0094	1.93066
11800	0.0660	1.9886	5.2179	1.2389	8.602	1.9357	13.9948	1.93434
11900	0.0847	2.0118	5.2211	1.2404	8.652	1.9393	13.9802	1.93798
12000	0.1030	2.0345	5.2242	1.2416	8.700	1.9428	13.9648	1.94149
12100	0.1211	2.0570	5.2273	1.2425	8.747	1.9462	13.9495	1.94496
12200	0.1389	2.0791	5.2304	1.2434	8.794	1.9496	13.9340	1.94837
12300	0.1565	2.1010	5.2335	1.2446	8.842	1.9530	13.9186	1.95174
12400	0.1738	2.1224	5.2365	1.2457	8.889	1.9562	13.9027	1.95501
12500	0.1908	2.1437	5.2395	1.2463	8.934	1.9594	13.8869	1.95827
12600	0.2077	2.1647	5.2425	1.2473	8.981	1.9625	13.8712	1.96146
12700	0.2243	2.1854	5.2454	1.2480	9.026	1.9656	13.8551	1.96459
12800	0.2406	2.2058	5.2483	1.2483	9.069	1.9686	13.8391	1.96766
12900	0.2569	2.2261	5.2512	1.2488	9.113	1.9715	13.8236	1.97073
13000	0.2729	2.2462	5.2541	1.2492	9.157	1.9745	13.8081	1.97376
13100	0.2888	2.2660	5.2569	1.2495	9.200	1.9774	13.7925	1.97676
13200	0.3045	2.2856	5.2597	1.2504	9.245	1.9802	13.7771	1.97972
13300	0.3201	2.3051	5.2625	1.2504	9.286	1.9830	13.7619	1.98265
13400	0.3355	2.3244	5.2653	1.2504	9.328	1.9858	13.7471	1.98557
13500	0.3507	2.3435	5.2681	1.2507	9.370	1.9885	13.7321	1.98846
13600	0.3659	2.3624	5.2708	1.2505	9.410	1.9912	13.7177	1.99134
13700	0.3809	2.3812	5.2736	1.2504	9.451	1.9939	13.7035	1.99421
13800	0.3958	2.3998	5.2763	1.2504	9.491	1.9965	13.6894	1.99704
13900	0.4107	2.4184	5.2790	1.2497	9.529	1.9992	13.6759	1.99989
14000	0.4254	2.4368	5.2817	1.2503	9.572	2.0017	13.6627	2.00269
14100	0.4399	2.4550	5.2843	1.2507	9.614	2.0043	13.6494	2.00553
14200	0.4544	2.4731	5.2870	1.2498	9.651	2.0069	13.6367	2.00836
14300	0.4688	2.4911	5.2896	1.2495	9.690	2.0094	13.6243	2.01116
14400	0.4832	2.5090	5.2923	1.2491	9.728	2.0120	13.6122	2.01397
14500	0.4974	2.5268	5.2949	1.2489	9.767	2.0145	13.6004	2.01677
14600	0.5115	2.5444	5.2975	1.2483	9.804	2.0169	13.5890	2.01958
14700	0.5256	2.5620	5.3002	1.2481	9.843	2.0194	13.5781	2.02240
14800	0.5396	2.5795	5.3028	1.2478	9.881	2.0219	13.5674	2.02521
14900	0.5536	2.5969	5.3054	1.2471	9.918	2.0243	13.5570	2.02803
15000	0.5675	2.6142	5.3079	1.2468	9.956	2.0267	13.5471	2.03086

S/R= 48.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2000	-6.8904	-5.9811	4.1621	1.0928	2.516	1.1077	7.2514	1.10768
2100	-6.5646	-5.6251	4.2149	1.0962	2.609	1.1310	7.8103	1.13095
2200	-6.2823	-5.3145	4.2591	1.1053	2.707	1.1522	8.2534	1.15219
2300	-6.0486	-5.0547	4.2949	1.1195	2.807	1.1703	8.5733	1.17030
2400	-5.8655	-4.8479	4.3229	1.1412	2.913	1.1844	8.7643	1.18444
2500	-5.7297	-4.6908	4.3442	1.1734	3.027	1.1943	8.8356	1.19434
2600	-5.6312	-4.5730	4.3601	1.2147	3.149	1.2005	8.8138	1.20054
2700	-5.5574	-4.4815	4.3727	1.2558	3.268	1.2042	8.7356	1.20416
2800	-5.4973	-4.4049	4.3833	1.2851	3.369	1.2063	8.6328	1.20628
2900	-5.4441	-4.3359	4.3930	1.2970	3.446	1.2077	8.5234	1.20766
3000	-5.3934	-4.2701	4.4024	1.2929	3.501	1.2087	8.4188	1.20873
3100	-5.3426	-4.2046	4.4119	1.2774	3.539	1.2098	8.3272	1.20983
3200	-5.2893	-4.1371	4.4217	1.2547	3.566	1.2112	8.2520	1.21115
3300	-5.2316	-4.0654	4.4323	1.2291	3.587	1.2129	8.1989	1.21291
3400	-5.1678	-3.9878	4.4438	1.2037	3.606	1.2153	8.1720	1.21530
3500	-5.0965	-3.9027	4.4565	1.1812	3.629	1.2185	8.1731	1.21847
3600	-5.0165	-3.8091	4.4704	1.1625	3.658	1.2226	8.2058	1.22258
3700	-4.9278	-3.7066	4.4856	1.1476	3.692	1.2277	8.2688	1.22770
3800	-4.8304	-3.5954	4.5021	1.1362	3.732	1.2339	8.3527	1.23389
3900	-4.7253	-3.4766	4.5196	1.1278	3.778	1.2411	8.4827	1.24110
4000	-4.6139	-3.3513	4.5378	1.1215	3.828	1.2493	8.6250	1.24926
4100	-4.4974	-3.2209	4.5566	1.1171	3.882	1.2583	8.7865	1.25833
4200	-4.3773	-3.0870	4.5757	1.1139	3.939	1.2681	8.9620	1.26814
4300	-4.2547	-2.9507	4.5948	1.1119	3.998	1.2786	9.1491	1.27864
4400	-4.1313	-2.8135	4.6139	1.1105	4.059	1.2897	9.3419	1.28968
4500	-4.0074	-2.6760	4.6328	1.1098	4.122	1.3012	9.5402	1.30119
4600	-3.8844	-2.5395	4.6513	1.1096	4.186	1.3131	9.7389	1.31308
4700	-3.7626	-2.4043	4.6694	1.1097	4.251	1.3253	9.9377	1.32525
4800	-3.6425	-2.2710	4.6871	1.1101	4.317	1.3377	10.1351	1.33768
4900	-3.5244	-2.1399	4.7043	1.1100	4.382	1.3503	10.3300	1.35029
5000	-3.4075	-2.0102	4.7212	1.1109	4.449	1.3629	10.5253	1.36294
5100	-3.2946	-1.8847	4.7374	1.1127	4.518	1.3757	10.7107	1.37574
5200	-3.1845	-1.7621	4.7531	1.1138	4.586	1.3886	10.8914	1.38860
5300	-3.0771	-1.6424	4.7583	1.1151	4.654	1.4015	11.0671	1.40151
5400	-2.9725	-1.5257	4.7830	1.1163	4.722	1.4144	11.2369	1.41441
5500	-2.8707	-1.4119	4.7973	1.1178	4.790	1.4273	11.4017	1.42732
5600	-2.7719	-1.3014	4.8111	1.1192	4.858	1.4401	11.5596	1.44014
5700	-2.6757	-1.1937	4.8245	1.1206	4.926	1.4529	11.7122	1.45293
5800	-2.5823	-1.0890	4.8375	1.1221	4.994	1.4657	11.8593	1.46565
5900	-2.4914	-0.9869	4.8501	1.1237	5.063	1.4783	12.0011	1.47833
6000	-2.4033	-0.8879	4.8622	1.1254	5.131	1.4909	12.1365	1.49087
6100	-2.3179	-0.7916	4.8740	1.1271	5.199	1.5033	12.2664	1.50329
6200	-2.2350	-0.6981	4.8855	1.1289	5.267	1.5156	12.3911	1.51562
6300	-2.1546	-0.6073	4.8966	1.1306	5.335	1.5278	12.5102	1.52781
6400	-2.0768	-0.5193	4.9073	1.1323	5.402	1.5398	12.6229	1.53981
6500	-2.0010	-0.4335	4.9178	1.1341	5.469	1.5517	12.7320	1.55173
6600	-1.9276	-0.3501	4.9280	1.1360	5.537	1.5635	12.8358	1.56351
6700	-1.8566	-0.2693	4.9378	1.1377	5.603	1.5751	12.9340	1.57508
6800	-1.7873	-0.1905	4.9474	1.1395	5.670	1.5866	13.0284	1.58654
6900	-1.7204	-0.1141	4.9567	1.1414	5.736	1.5978	13.1175	1.59781
7000	-1.6551	-0.0396	4.9658	1.1431	5.802	1.6090	13.2032	1.60897
7100	-1.5920	0.0326	4.9746	1.1452	5.869	1.6200	13.2841	1.61992
7200	-1.5307	0.1029	4.9832	1.1472	5.935	1.6308	13.3607	1.63071
7300	-1.4714	0.1710	4.9915	1.1490	6.000	1.6414	13.4327	1.64128
7400	-1.4135	0.2376	4.9996	1.1509	6.065	1.6518	13.5017	1.65174

S/R= 48.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	4/RT	Z*
7500	-1.3574	0.3021	5.0075	1.1529	6.130	1.6621	13.5662	1.66198
7600	-1.3029	0.3650	5.0152	1.1550	6.195	1.6722	13.6274	1.67226
7700	-1.2502	0.4260	5.0227	1.1570	6.260	1.6820	13.6843	1.68190
7800	-1.1989	0.4853	5.0300	1.1589	6.324	1.6917	13.7380	1.69159
7900	-1.1490	0.5432	5.0372	1.1609	6.388	1.7013	13.7888	1.70112
8000	-1.1005	0.5996	5.0441	1.1628	6.451	1.7107	13.8366	1.71048
8100	-1.0535	0.6543	5.0509	1.1650	6.514	1.7198	13.8805	1.71962
8200	-1.0078	0.7077	5.0575	1.1672	6.578	1.7288	13.9219	1.72859
8300	-0.9634	0.7595	5.0640	1.1692	6.640	1.7376	13.9595	1.73734
8400	-0.9202	0.8100	5.0702	1.1711	6.702	1.7462	13.9948	1.74593
8500	-0.8782	0.8593	5.0764	1.1733	6.765	1.7546	14.0277	1.75436
8600	-0.8374	0.9072	5.0824	1.1756	6.827	1.7629	14.0573	1.76256
8700	-0.7979	0.9537	5.0882	1.1779	6.889	1.7709	14.0837	1.77054
8800	-0.7594	0.9991	5.0940	1.1798	6.949	1.7787	14.1083	1.77838
8900	-0.7218	1.0434	5.0996	1.1819	7.010	1.7864	14.1305	1.78606
9000	-0.6854	1.0865	5.1050	1.1841	7.071	1.7939	14.1501	1.79352
9100	-0.6499	1.1285	5.1103	1.1864	7.131	1.8013	14.1680	1.80084
9200	-0.6155	1.1695	5.1156	1.1888	7.192	1.8084	14.1832	1.80794
9300	-0.5820	1.2093	5.1206	1.1911	7.251	1.8154	14.1958	1.81484
9400	-0.5494	1.2482	5.1256	1.1930	7.310	1.8222	14.2068	1.82161
9500	-0.5175	1.2852	5.1305	1.1951	7.369	1.8288	14.2164	1.82822
9600	-0.4866	1.3233	5.1353	1.1977	7.428	1.8353	14.2236	1.83464
9700	-0.4565	1.3593	5.1399	1.1999	7.487	1.8415	14.2288	1.84087
9800	-0.4271	1.3946	5.1445	1.2020	7.544	1.8477	14.2328	1.84698
9900	-0.3985	1.4290	5.1490	1.2044	7.602	1.8536	14.2348	1.85289
10000	-0.3708	1.4624	5.1534	1.2065	7.659	1.8594	14.2348	1.85862
10100	-0.3436	1.4953	5.1575	1.2087	7.716	1.8650	14.2338	1.86423
10200	-0.3172	1.5272	5.1618	1.2109	7.773	1.8705	14.2312	1.86967
10300	-0.2913	1.5586	5.1660	1.2130	7.829	1.8759	14.2275	1.87500
10400	-0.2661	1.5892	5.1700	1.2154	7.885	1.8811	14.2225	1.88016
10500	-0.2415	1.6191	5.1740	1.2172	7.940	1.8861	14.2161	1.88518
10600	-0.2174	1.6484	5.1779	1.2191	7.994	1.8911	14.2091	1.89009
10700	-0.1939	1.6771	5.1817	1.2214	8.049	1.8959	14.2007	1.89485
10800	-0.1710	1.7051	5.1854	1.2234	8.103	1.9005	14.1910	1.89946
10900	-0.1485	1.7327	5.1891	1.2253	8.157	1.9050	14.1808	1.90399
11000	-0.1266	1.7596	5.1928	1.2272	8.210	1.9095	14.1698	1.90838
11100	-0.1051	1.7860	5.1963	1.2289	8.262	1.9137	14.1578	1.91265
11200	-0.0840	1.8119	5.1998	1.2308	8.315	1.9180	14.1453	1.91684
11300	-0.0634	1.8373	5.2033	1.2327	8.367	1.9220	14.1317	1.92088
11400	-0.0432	1.8623	5.2067	1.2338	8.417	1.9260	14.1179	1.92485
11500	-0.0232	1.8869	5.2100	1.2356	8.468	1.9299	14.1040	1.92877
11600	-0.0037	1.9110	5.2133	1.2374	8.519	1.9336	14.0889	1.93253
11700	0.0154	1.9347	5.2166	1.2385	8.568	1.9373	14.0738	1.93624
11800	0.0342	1.9580	5.2198	1.2398	8.617	1.9409	14.0581	1.93985
11900	0.0528	1.9810	5.2230	1.2413	8.666	1.9445	14.0425	1.94343
12000	0.0710	2.0036	5.2261	1.2423	8.714	1.9479	14.0262	1.94687
12100	0.0889	2.0259	5.2292	1.2432	8.761	1.9513	14.0101	1.95029
12200	0.1066	2.0479	5.2323	1.2440	8.808	1.9546	13.9937	1.95364
12300	0.1241	2.0696	5.2353	1.2451	8.855	1.9579	13.9775	1.95696
12400	0.1412	2.0910	5.2383	1.2462	8.902	1.9610	13.9609	1.96018
12500	0.1582	2.1122	5.2413	1.2467	8.947	1.9642	13.9443	1.96339
12600	0.1750	2.1330	5.2443	1.2475	8.992	1.9672	13.9279	1.96654
12700	0.1915	2.1537	5.2472	1.2481	9.037	1.9703	13.9114	1.96964
12800	0.2078	2.1741	5.2501	1.2484	9.080	1.9732	13.8948	1.97267
12900	0.2240	2.1943	5.2529	1.2489	9.124	1.9761	13.8787	1.97571

S/R= 48.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13000	0.2430	2.2143	5.2558	1.2492	9.168	1.9790	13.8627	1.97871
13100	0.2558	2.2340	5.2585	1.2495	9.210	1.9819	13.8467	1.98168
13200	0.2715	2.2536	5.2614	1.2503	9.255	1.9847	13.8308	1.98461
13300	0.2870	2.2730	5.2642	1.2501	9.296	1.9874	13.8153	1.98752
13400	0.3024	2.2923	5.2670	1.2501	9.337	1.9902	13.8003	1.99042
13500	0.3177	2.3113	5.2697	1.2504	9.379	1.9928	13.7849	1.99329
13600	0.3328	2.3303	5.2725	1.2501	9.419	1.9955	13.7701	1.99616
13700	0.3478	2.3491	5.2752	1.2500	9.459	1.9982	13.7557	1.99902
13800	0.3627	2.3677	5.2779	1.2499	9.500	2.0008	13.7414	2.00185
13900	0.3776	2.3862	5.2806	1.2491	9.537	2.0034	13.7277	2.00469
14000	0.3924	2.4047	5.2833	1.2496	9.579	2.0060	13.7145	2.00750
14100	0.4069	2.4228	5.2860	1.2500	9.622	2.0086	13.7010	2.01033
14200	0.4214	2.4410	5.2886	1.2492	9.659	2.0111	13.6880	2.01316
14300	0.4358	2.4593	5.2913	1.2488	9.697	2.0136	13.6755	2.01597
14400	0.4502	2.4769	5.2939	1.2482	9.735	2.0161	13.6634	2.01878
14500	0.4644	2.4947	5.2966	1.2481	9.774	2.0186	13.6516	2.02159
14600	0.4786	2.5124	5.2992	1.2475	9.811	2.0211	13.6401	2.02441
14700	0.4928	2.5303	5.3018	1.2471	9.849	2.0235	13.6292	2.02724
14800	0.5068	2.5475	5.3044	1.2469	9.888	2.0260	13.6184	2.03006
14900	0.5208	2.5650	5.3070	1.2462	9.924	2.0284	13.6083	2.03291
15000	0.5347	2.5823	5.3096	1.2459	9.962	2.0308	13.5983	2.03575

S/R= 48.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2000	-6.9308	-6.0202	4.1680	1.0929	2.520	1.1110	7.3614	1.11096
2100	-6.6056	-5.6648	4.2202	1.0965	2.613	1.1343	7.9069	1.13428
2200	-6.3257	-5.3567	4.2637	1.1063	2.712	1.1554	8.3413	1.15536
2300	-6.0963	-5.1014	4.2986	1.1215	2.813	1.1731	8.6472	1.17311
2400	-5.9190	-4.9006	4.3257	1.1451	2.920	1.1867	8.8203	1.18669
2500	-5.7892	-4.7497	4.3460	1.1797	3.037	1.1959	8.8735	1.19593
2600	-5.6955	-4.6369	4.3613	1.2228	3.161	1.2016	8.8371	1.20158
2700	-5.6247	-4.5485	4.3734	1.2634	3.278	1.2048	8.7496	1.20482
2800	-5.5663	-4.4736	4.3838	1.2900	3.376	1.2067	8.6417	1.20671
2900	-5.5137	-4.4054	4.3933	1.2986	3.449	1.2080	8.5303	1.20797
3000	-5.4632	-4.3398	4.4027	1.2918	3.500	1.2090	8.4253	1.20900
3100	-5.4119	-4.2738	4.4122	1.2742	3.535	1.2101	8.3343	1.21010
3200	-5.3577	-4.2054	4.4222	1.2501	3.560	1.2115	8.2614	1.21148
3300	-5.2987	-4.1323	4.4330	1.2238	3.580	1.2133	8.2123	1.21334
3400	-5.2330	-4.0528	4.4448	1.1984	3.599	1.2159	8.1902	1.21587
3500	-5.1593	-3.9653	4.4578	1.1763	3.623	1.2192	8.1976	1.21925
3600	-5.0766	-3.8688	4.4721	1.1582	3.653	1.2236	8.2377	1.22360
3700	-4.9848	-3.7632	4.4877	1.1439	3.688	1.2290	8.3088	1.22900
3800	-4.8842	-3.6487	4.5046	1.1331	3.730	1.2355	8.4112	1.23549
3900	-4.7761	-3.5267	4.5225	1.1252	3.777	1.2430	8.5395	1.24302
4000	-4.6616	-3.3982	4.5411	1.1194	3.828	1.2515	8.6899	1.25151
4100	-4.5423	-3.2649	4.5602	1.1153	3.883	1.2609	8.8588	1.26089
4200	-4.4196	-3.1284	4.5795	1.1124	3.941	1.2710	9.0411	1.27101
4300	-4.2947	-2.9896	4.5989	1.1106	4.001	1.2818	9.2345	1.28180
4400	-4.1692	-2.8503	4.6181	1.1094	4.063	1.2931	9.4326	1.29311
4500	-4.0435	-2.7108	4.6371	1.1089	4.126	1.3049	9.6357	1.30488
4600	-3.9188	-2.5726	4.6557	1.1088	4.191	1.3170	9.8386	1.31701
4700	-3.7956	-2.4359	4.6739	1.1090	4.257	1.3294	10.0412	1.32942
4800	-3.6742	-2.3013	4.6916	1.1095	4.323	1.3421	10.2418	1.34207
4900	-3.5550	-2.1690	4.7089	1.1095	4.389	1.3549	10.4394	1.35488

S/R= 48.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5000	-3.4371	-2.0383	4.7258	1.1104	4.456	1.3677	10.6370	1.36772
5100	-3.3233	-1.9118	4.7420	1.1122	4.525	1.3807	10.8246	1.38070
5200	-3.2124	-1.7884	4.7577	1.1134	4.594	1.3937	11.0071	1.39373
5300	-3.1043	-1.6679	4.7729	1.1147	4.662	1.4068	11.1844	1.40681
5400	-2.9991	-1.5506	4.7876	1.1160	4.730	1.4199	11.3556	1.41986
5500	-2.8967	-1.4363	4.8019	1.1175	4.799	1.4329	11.5214	1.43292
5600	-2.7975	-1.3253	4.8156	1.1189	4.867	1.4459	11.6803	1.44588
5700	-2.7009	-1.2171	4.8290	1.1203	4.936	1.4588	11.8336	1.45881
5800	-2.6071	-1.1120	4.8419	1.1219	5.004	1.4717	11.9815	1.47166
5900	-2.5158	-1.0096	4.8545	1.1235	5.073	1.4845	12.1237	1.48446
6000	-2.4275	-0.9103	4.8666	1.1252	5.141	1.4971	12.2595	1.49711
6100	-2.3418	-0.8137	4.8784	1.1269	5.209	1.5097	12.3897	1.50964
6200	-2.2587	-0.7200	4.8898	1.1287	5.278	1.5221	12.5145	1.52208
6300	-2.1781	-0.6290	4.9009	1.1305	5.346	1.5344	12.6338	1.53437
6400	-2.1002	-0.5408	4.9116	1.1322	5.413	1.5465	12.7464	1.54646
6500	-2.0243	-0.4549	4.9220	1.1340	5.481	1.5585	12.8552	1.55847
6600	-1.9508	-0.3714	4.9321	1.1360	5.549	1.5703	12.9589	1.57032
6700	-1.8797	-0.2906	4.9419	1.1377	5.616	1.5820	13.0568	1.58198
6800	-1.8104	-0.2117	4.9515	1.1395	5.682	1.5935	13.1509	1.59351
6900	-1.7434	-0.1353	4.9607	1.1414	5.749	1.6049	13.2396	1.60485
7000	-1.6781	-0.0607	4.9698	1.1432	5.815	1.6161	13.3247	1.61606
7100	-1.6151	0.0115	4.9785	1.1453	5.882	1.6271	13.4051	1.62707
7200	-1.5538	0.0817	4.9871	1.1473	5.948	1.6380	13.4811	1.63792
7300	-1.4945	0.1498	4.9953	1.1491	6.014	1.6486	13.5523	1.64853
7400	-1.4366	0.2163	5.0034	1.1510	6.079	1.6591	13.6205	1.65903
7500	-1.3807	0.2808	5.0113	1.1530	6.144	1.6694	13.6843	1.66930
7600	-1.3263	0.3435	5.0189	1.1552	6.210	1.6795	13.7446	1.67941
7700	-1.2737	0.4044	5.0264	1.1572	6.274	1.6894	13.8006	1.68929
7800	-1.2225	0.4637	5.0337	1.1592	6.338	1.6991	13.8534	1.69900
7900	-1.1728	0.5214	5.0407	1.1612	6.402	1.7087	13.9031	1.70854
8000	-1.1244	0.5776	5.0477	1.1632	6.466	1.7181	13.9499	1.71791
8100	-1.0775	0.6322	5.0544	1.1653	6.529	1.7272	13.9927	1.72706
8200	-1.0319	0.6854	5.0610	1.1676	6.593	1.7362	14.0329	1.73603
8300	-0.9878	0.7370	5.0674	1.1697	6.656	1.7450	14.0694	1.74477
8400	-0.9448	0.7873	5.0736	1.1716	6.718	1.7536	14.1035	1.75335
8500	-0.9029	0.8364	5.0797	1.1738	6.780	1.7620	14.1350	1.76177
8600	-0.8623	0.8841	5.0857	1.1761	6.843	1.7702	14.1632	1.76994
8700	-0.8230	0.9303	5.0915	1.1785	6.905	1.7782	14.1885	1.77790
8800	-0.7847	0.9755	5.0971	1.1805	6.965	1.7860	14.2115	1.78571
8900	-0.7474	1.0196	5.1027	1.1826	7.026	1.7937	14.2326	1.79336
9000	-0.7112	1.0624	5.1081	1.1848	7.087	1.8012	14.2506	1.80078
9100	-0.6760	1.1042	5.1134	1.1872	7.148	1.8085	14.2670	1.80806
9200	-0.6417	1.1449	5.1185	1.1895	7.208	1.8156	14.2807	1.81512
9300	-0.6085	1.1845	5.1236	1.1919	7.268	1.8225	14.2918	1.82197
9400	-0.5761	1.2231	5.1285	1.1939	7.327	1.8292	14.3014	1.82868
9500	-0.5445	1.2609	5.1333	1.1960	7.385	1.8358	14.3093	1.83524
9600	-0.5138	1.2976	5.1381	1.1986	7.445	1.8422	14.3150	1.84159
9700	-0.4840	1.3334	5.1427	1.2010	7.504	1.8484	14.3187	1.84776
9800	-0.4549	1.3684	5.1472	1.2031	7.561	1.8544	14.3210	1.85380
9900	-0.4266	1.4025	5.1516	1.2054	7.619	1.8603	14.3215	1.85964
10000	-0.3991	1.4357	5.1559	1.2075	7.676	1.8660	14.3202	1.86531
10100	-0.3721	1.4682	5.1602	1.2099	7.733	1.8716	14.3176	1.87084
10200	-0.3460	1.5000	5.1643	1.2121	7.790	1.8770	14.3135	1.87621
10300	-0.3203	1.5310	5.1684	1.2142	7.846	1.8823	14.3083	1.88146
10400	-0.2954	1.5614	5.1724	1.2166	7.902	1.8874	14.3018	1.88654



S/R= 48.8

T	LOG(RHO)	LJG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10500	-0.2711	1.5910	5.1763	1.2184	7.957	1.8923	14.2938	1.89148
10600	-0.2472	1.6201	5.1802	1.2203	8.011	1.8972	14.2853	1.89630
10700	-0.2239	1.6485	5.1840	1.2225	8.066	1.9019	14.2755	1.90099
10800	-0.2012	1.6763	5.1877	1.2245	8.120	1.9065	14.2645	1.90553
10900	-0.1789	1.7036	5.1913	1.2264	8.173	1.9109	14.2531	1.90998
11000	-0.1572	1.7303	5.1949	1.2283	8.226	1.9152	14.2405	1.91430
11100	-0.1359	1.7564	5.1984	1.2301	8.278	1.9194	14.2272	1.91848
11200	-0.1150	1.7822	5.2019	1.2320	8.331	1.9236	14.2136	1.92260
11300	-0.0946	1.8073	5.2053	1.2338	8.383	1.9275	14.1988	1.92655
11400	-0.0746	1.8320	5.2087	1.2349	8.432	1.9314	14.1837	1.93045
11500	-0.0548	1.8565	5.2120	1.2366	8.483	1.9352	14.1687	1.93430
11600	-0.0355	1.8804	5.2153	1.2382	8.534	1.9389	14.1526	1.93799
11700	-0.0165	1.9039	5.2185	1.2391	8.582	1.9425	14.1365	1.94164
11800	0.0022	1.9271	5.2217	1.2405	8.631	1.9461	14.1199	1.94520
11900	0.0206	1.9500	5.2249	1.2421	8.681	1.9495	14.1034	1.94871
12000	0.0387	1.9724	5.2280	1.2430	8.728	1.9529	14.0862	1.95210
12100	0.0565	1.9946	5.2311	1.2438	8.774	1.9562	14.0693	1.95546
12200	0.0741	2.0164	5.2341	1.2446	8.821	1.9594	14.0520	1.95875
12300	0.0914	2.0380	5.2371	1.2457	8.868	1.9626	14.0351	1.96202
12400	0.1085	2.0593	5.2401	1.2466	8.914	1.9658	14.0176	1.96520
12500	0.1254	2.0804	5.2431	1.2471	8.959	1.9688	14.0005	1.96836
12600	0.1421	2.1012	5.2460	1.2477	9.004	1.9719	13.9835	1.97146
12700	0.1586	2.1217	5.2489	1.2482	9.048	1.9748	13.9663	1.97453
12800	0.1748	2.1421	5.2518	1.2485	9.091	1.9777	13.9494	1.97754
12900	0.1910	2.1622	5.2546	1.2487	9.134	1.9806	13.9327	1.98055
13000	0.2070	2.1822	5.2575	1.2491	9.177	1.9835	13.9162	1.98353
13100	0.2227	2.2019	5.2603	1.2494	9.220	1.9863	13.8999	1.98646
13200	0.2384	2.2214	5.2631	1.2501	9.264	1.9890	13.8835	1.98938
13300	0.2539	2.2408	5.2659	1.2500	9.305	1.9917	13.8677	1.99227
13400	0.2693	2.2601	5.2685	1.2497	9.345	1.9944	13.8523	1.99515
13500	0.2845	2.2791	5.2714	1.2498	9.387	1.9971	13.8367	1.99800
13600	0.2997	2.2980	5.2741	1.2496	9.427	1.9998	13.8217	2.00086
13700	0.3147	2.3168	5.2768	1.2495	9.467	2.0024	13.8072	2.00372
13800	0.3296	2.3354	5.2795	1.2494	9.508	2.0050	13.7929	2.00654
13900	0.3444	2.3540	5.2822	1.2484	9.545	2.0076	13.7790	2.00938
14000	0.3592	2.3725	5.2849	1.2488	9.587	2.0101	13.7655	2.01219
14100	0.3738	2.3906	5.2876	1.2493	9.629	2.0127	13.7513	2.01503
14200	0.3884	2.4088	5.2902	1.2484	9.666	2.0152	13.7391	2.01786
14300	0.4028	2.4269	5.2929	1.2479	9.704	2.0177	13.7263	2.02068
14400	0.4172	2.4448	5.2955	1.2473	9.741	2.0202	13.7142	2.02350
14500	0.4315	2.4626	5.2982	1.2472	9.780	2.0227	13.7023	2.02632
14600	0.4457	2.4804	5.3008	1.2467	9.818	2.0252	13.6909	2.02915
14700	0.4599	2.4981	5.3034	1.2461	9.855	2.0276	13.6800	2.03199
14800	0.4740	2.5156	5.3060	1.2459	9.894	2.0301	13.6694	2.03483
14900	0.4880	2.5331	5.3086	1.2452	9.930	2.0325	13.6591	2.03770
15000	0.5020	2.5505	5.3112	1.2450	9.969	2.0349	13.6493	2.04056

S/R= 49.0

T	LOG(RHO)	LJG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2000	-6.9710	-6.0591	4.1739	1.0931	2.524	1.1142	7.4615	1.11424
2100	-6.5466	-5.7045	4.2255	1.0969	2.618	1.1376	8.0029	1.13759
2200	-6.3695	-5.3993	4.2681	1.1074	2.717	1.1585	8.4277	1.15849
2300	-6.1449	-5.1490	4.3022	1.1238	2.819	1.1758	8.7185	1.17582
2400	-5.9736	-4.9544	4.3283	1.1494	2.928	1.1888	8.8732	1.18880

S/R= 49.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2500	-5.8497	-4.8096	4.3477	1.1865	3.048	1.1974	8.9082	1.19740
2600	-5.7605	-4.7016	4.3623	1.2310	3.173	1.2025	8.8581	1.20252
2700	-5.6925	-4.6161	4.3740	1.2706	3.288	1.2054	8.7621	1.20541
2800	-5.6355	-4.5427	4.3842	1.2943	3.382	1.2071	8.6498	1.20710
2900	-5.5835	-4.4751	4.3937	1.2997	3.451	1.2083	8.5362	1.20826
3000	-5.5329	-4.4094	4.4030	1.2902	3.498	1.2093	8.4311	1.20926
3100	-5.4811	-4.3430	4.4125	1.2706	3.531	1.2104	8.3417	1.21038
3200	-5.4260	-4.2735	4.4227	1.2454	3.554	1.2118	8.2714	1.21182
3300	-5.3654	-4.1989	4.4337	1.2184	3.572	1.2138	8.2259	1.21378
3400	-5.2978	-4.1173	4.4458	1.1931	3.592	1.2165	8.2094	1.21648
3500	-5.2216	-4.0272	4.4591	1.1714	3.617	1.2201	8.2235	1.22007
3600	-5.1360	-3.9278	4.4739	1.1540	3.648	1.2247	8.2714	1.22468
3700	-5.0411	-3.8190	4.4899	1.1404	3.684	1.2304	8.3509	1.23036
3800	-4.9373	-3.7012	4.5072	1.1302	3.727	1.2372	8.4618	1.23717
3900	-4.8260	-3.5759	4.5255	1.1228	3.776	1.2450	8.5985	1.24502
4000	-4.7085	-3.4443	4.5444	1.1174	3.828	1.2538	8.7569	1.25384
4100	-4.5864	-3.3081	4.5638	1.1136	3.884	1.2635	8.9332	1.26353
4200	-4.4612	-3.1689	4.5834	1.1110	3.943	1.2740	9.1223	1.27395
4300	-4.3340	-3.0277	4.6030	1.1094	4.004	1.2850	9.3217	1.28503
4400	-4.2064	-2.8863	4.6223	1.1084	4.066	1.2966	9.5251	1.29661
4500	-4.0789	-2.7450	4.6415	1.1080	4.131	1.3086	9.7328	1.30864
4600	-3.9526	-2.6051	4.6601	1.1080	4.196	1.3210	9.9399	1.32101
4700	-3.8280	-2.4670	4.6784	1.1083	4.262	1.3336	10.1459	1.33364
4800	-3.7053	-2.3310	4.6962	1.1089	4.329	1.3465	10.3497	1.34650
4900	-3.5850	-2.1976	4.7135	1.1090	4.395	1.3595	10.5502	1.35951
5000	-3.4662	-2.0659	4.7304	1.1099	4.463	1.3725	10.7499	1.37254
5100	-3.3516	-1.9385	4.7466	1.1118	4.533	1.3857	10.9396	1.38571
5200	-3.2399	-1.8143	4.7623	1.1130	4.601	1.3989	11.1238	1.39891
5300	-3.1312	-1.6931	4.7775	1.1143	4.670	1.4121	11.3025	1.41215
5400	-3.0254	-1.5752	4.7921	1.1156	4.739	1.4254	11.4750	1.42536
5500	-2.9225	-1.4603	4.8064	1.1172	4.808	1.4386	11.6420	1.43856
5600	-2.8228	-1.3489	4.8201	1.1186	4.876	1.4517	11.8018	1.45166
5700	-2.7257	-1.2403	4.8335	1.1201	4.945	1.4647	11.9558	1.46471
5800	-2.6316	-1.1348	4.8464	1.1216	5.014	1.4777	12.1041	1.47770
5900	-2.5401	-1.0320	4.8589	1.1233	5.083	1.4906	12.2469	1.49061
6000	-2.4515	-0.9324	4.8710	1.1250	5.151	1.5034	12.3830	1.50338
6100	-2.3655	-0.8356	4.8827	1.1268	5.220	1.5160	12.5134	1.51602
6200	-2.2823	-0.7417	4.8941	1.1286	5.289	1.5286	12.6382	1.52855
6300	-2.2015	-0.6505	4.9051	1.1304	5.357	1.5410	12.7576	1.54094
6400	-2.1234	-0.5622	4.9158	1.1321	5.425	1.5531	12.8701	1.55312
6500	-2.0475	-0.4761	4.9261	1.1339	5.493	1.5652	12.9787	1.56521
6600	-1.9738	-0.3926	4.9362	1.1360	5.561	1.5772	13.0823	1.57715
6700	-1.9027	-0.3117	4.9460	1.1377	5.628	1.5889	13.1798	1.58888
6800	-1.8333	-0.2327	4.9555	1.1395	5.695	1.6005	13.2734	1.60048
6900	-1.7664	-0.1563	4.9647	1.1414	5.762	1.6119	13.3616	1.61188
7000	-1.7011	-0.0818	4.9737	1.1433	5.828	1.6232	13.4462	1.62315
7100	-1.6380	-0.0096	4.9824	1.1454	5.895	1.6343	13.5260	1.63422
7200	-1.5768	0.0606	4.9909	1.1474	5.962	1.6452	13.6012	1.64511
7300	-1.5176	0.1286	4.9991	1.1493	6.027	1.6558	13.6717	1.65577
7400	-1.4598	0.1951	5.0072	1.1512	6.093	1.6664	13.7392	1.66630
7500	-1.4039	0.2595	5.0150	1.1532	6.158	1.6767	13.8021	1.67661
7600	-1.3496	0.3221	5.0226	1.1554	6.224	1.6868	13.8616	1.68675
7700	-1.2971	0.3828	5.0300	1.1575	6.288	1.6968	13.9166	1.69665
7800	-1.2461	0.4420	5.0372	1.1594	6.353	1.7065	13.9683	1.70638
7900	-1.1965	0.4995	5.0443	1.1615	6.417	1.7161	14.0169	1.71592

S/R= 49.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8000	-1.1482	0.5556	5.0512	1.1635	6.481	1.7255	14.0627	1.72530
8100	-1.1015	0.5100	5.0578	1.1657	6.544	1.7346	14.1043	1.73445
8200	-1.0561	0.6630	5.0644	1.1680	6.608	1.7436	14.1432	1.74342
8300	-1.0121	0.7144	5.0707	1.1701	6.671	1.7524	14.1785	1.75215
8400	-0.9694	0.7645	5.0769	1.1721	6.733	1.7609	14.2113	1.76071
8500	-0.9277	0.8134	5.0830	1.1743	6.796	1.7694	14.2415	1.76911
8600	-0.8873	0.8608	5.0889	1.1767	6.859	1.7775	14.2684	1.77727
8700	-0.8482	0.9069	5.0946	1.1791	6.921	1.7855	14.2921	1.78520
8800	-0.8102	0.9518	5.1002	1.1811	6.982	1.7933	14.3138	1.79297
8900	-0.7731	0.9956	5.1057	1.1832	7.042	1.8009	14.3334	1.80058
9000	-0.7372	1.0382	5.1111	1.1856	7.103	1.8083	14.3500	1.80796
9100	-0.7021	1.0798	5.1163	1.1880	7.164	1.8156	14.3648	1.81520
9200	-0.6682	1.1202	5.1215	1.1904	7.225	1.8226	14.3770	1.82220
9300	-0.6352	1.1594	5.1264	1.1928	7.285	1.8294	14.3865	1.82899
9400	-0.6031	1.1978	5.1313	1.1948	7.343	1.8361	14.3946	1.83565
9500	-0.5717	1.2353	5.1361	1.1969	7.402	1.8426	14.4011	1.84214
9600	-0.5413	1.2718	5.1408	1.1996	7.462	1.8490	14.4052	1.84843
9700	-0.5118	1.3072	5.1454	1.2020	7.521	1.8551	14.4072	1.85453
9800	-0.4829	1.3419	5.1498	1.2042	7.578	1.8611	14.4080	1.86050
9900	-0.4549	1.3757	5.1542	1.2065	7.636	1.8669	14.4067	1.86626
10000	-0.4276	1.4087	5.1585	1.2086	7.693	1.8725	14.4038	1.87185
10100	-0.4009	1.4410	5.1627	1.2109	7.750	1.8780	14.3998	1.87732
10200	-0.3750	1.4724	5.1668	1.2132	7.807	1.8833	14.3941	1.88261
10300	-0.3496	1.5032	5.1709	1.2155	7.863	1.8885	14.3874	1.88778
10400	-0.3249	1.5333	5.1748	1.2179	7.919	1.8935	14.3792	1.89278
10500	-0.3008	1.5626	5.1785	1.2196	7.973	1.8984	14.3700	1.89762
10600	-0.2772	1.5914	5.1825	1.2215	8.027	1.9031	14.3598	1.90237
10700	-0.2542	1.6196	5.1862	1.2238	8.082	1.9078	14.3487	1.90697
10800	-0.2317	1.6471	5.1899	1.2257	8.136	1.9122	14.3364	1.91143
10900	-0.2096	1.6742	5.1935	1.2275	8.189	1.9166	14.3236	1.91581
11000	-0.1881	1.7007	5.1970	1.2294	8.242	1.9209	14.3098	1.92005
11100	-0.1670	1.7266	5.2005	1.2313	8.294	1.9250	14.2952	1.92416
11200	-0.1463	1.7521	5.2040	1.2331	8.347	1.9290	14.2803	1.92819
11300	-0.1261	1.7770	5.2073	1.2349	8.398	1.9329	14.2642	1.93207
11400	-0.1062	1.8016	5.2107	1.2360	8.447	1.9367	14.2480	1.93590
11500	-0.0866	1.8258	5.2140	1.2376	8.498	1.9404	14.2318	1.93966
11600	-0.0675	1.8495	5.2172	1.2391	8.548	1.9440	14.2146	1.94329
11700	-0.0486	1.8729	5.2204	1.2400	8.596	1.9476	14.1976	1.94688
11800	-0.0301	1.8959	5.2236	1.2412	8.644	1.9510	14.1801	1.95037
11900	-0.0117	1.9187	5.2267	1.2425	8.693	1.9544	14.1628	1.95384
12000	0.0062	1.9410	5.2298	1.2435	8.740	1.9577	14.1446	1.95717
12100	0.0239	1.9630	5.2328	1.2444	8.787	1.9610	14.1269	1.96048
12200	0.0414	1.9847	5.2359	1.2451	8.833	1.9642	14.1089	1.96372
12300	0.0586	2.0063	5.2389	1.2460	8.879	1.9673	14.0912	1.96693
12400	0.0756	2.0274	5.2418	1.2470	8.926	1.9703	14.0732	1.97006
12500	0.0924	2.0484	5.2448	1.2474	8.970	1.9734	14.0555	1.97318
12600	0.1091	2.0691	5.2477	1.2478	9.014	1.9763	14.0378	1.97625
12700	0.1255	2.0896	5.2506	1.2482	9.058	1.9792	14.0202	1.97927
12800	0.1417	2.1099	5.2534	1.2485	9.101	1.9821	14.0028	1.98225
12900	0.1578	2.1300	5.2563	1.2486	9.144	1.9850	13.9857	1.98524
13000	0.1738	2.1499	5.2591	1.2488	9.186	1.9878	13.9688	1.98820
13100	0.1895	2.1696	5.2619	1.2491	9.229	1.9905	13.9520	1.99112
13200	0.2052	2.1892	5.2647	1.2498	9.273	1.9933	13.9355	1.99402
13300	0.2207	2.2085	5.2675	1.2496	9.314	1.9960	13.9194	1.99689
13400	0.2361	2.2277	5.2702	1.2492	9.354	1.9986	13.9037	1.99976

S/R= 49.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13500	0.2513	2.2468	5.2733	1.2493	9.395	2.0013	13.8880	2.00261
13600	0.2664	2.2657	5.2757	1.2490	9.435	2.0039	13.8728	2.00545
13700	0.2815	2.2845	5.2784	1.2488	9.475	2.0065	13.8581	2.00830
13800	0.2964	2.3031	5.2811	1.2487	9.515	2.0091	13.8436	2.01112
13900	0.3113	2.3217	5.2838	1.2477	9.552	2.0117	13.8295	2.01397
14000	0.3261	2.3402	5.2865	1.2481	9.593	2.0142	13.8162	2.01678
14100	0.3407	2.3584	5.2892	1.2485	9.635	2.0168	13.8025	2.01963
14200	0.3553	2.3766	5.2918	1.2476	9.672	2.0193	13.7895	2.02247
14300	0.3698	2.3947	5.2945	1.2471	9.710	2.0218	13.7770	2.02530
14400	0.3842	2.4127	5.2971	1.2464	9.747	2.0243	13.7648	2.02814
14500	0.3986	2.4306	5.2998	1.2464	9.787	2.0268	13.7531	2.03097
14600	0.4128	2.4484	5.3024	1.2457	9.824	2.0292	13.7415	2.03381
14700	0.4271	2.4661	5.3050	1.2451	9.861	2.0317	13.7306	2.03668
14800	0.4412	2.4837	5.3076	1.2449	9.900	2.0341	13.7200	2.03954
14900	0.4553	2.5013	5.3102	1.2442	9.936	2.0365	13.7100	2.04242
15000	0.4694	2.5187	5.3128	1.2439	9.974	2.0390	13.7002	2.04531

S/R= 49.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2100	-6.6877	-5.7444	4.2306	1.1022	2.628	1.1409	8.0983	1.14087
2200	-6.4138	-5.4425	4.2725	1.1086	2.722	1.1616	8.5124	1.16155
2300	-6.1943	-5.1974	4.3056	1.1263	2.825	1.1784	8.7873	1.17843
2400	-6.0292	-5.0093	4.3307	1.1541	2.937	1.1908	8.9228	1.19079
2500	-5.9112	-4.8707	4.3493	1.1937	3.059	1.1987	8.9399	1.19874
2600	-5.8262	-4.7670	4.3632	1.2394	3.184	1.2034	8.8769	1.20336
2700	-5.7607	-4.6841	4.3745	1.2774	3.298	1.2059	8.7732	1.20593
2800	-5.7049	-4.6120	4.3845	1.2979	3.387	1.2075	8.6571	1.20745
2900	-5.6534	-4.5449	4.3940	1.3002	3.452	1.2085	8.5420	1.20853
3000	-5.6027	-4.4791	4.4033	1.2882	3.496	1.2095	8.4371	1.20951
3100	-5.5503	-4.4120	4.4130	1.2667	3.526	1.2106	8.3492	1.21064
3200	-5.4940	-4.3415	4.4233	1.2404	3.547	1.2122	8.2818	1.21216
3300	-5.4319	-4.2652	4.4345	1.2130	3.565	1.2142	8.2406	1.21424
3400	-5.3621	-4.1814	4.4469	1.1879	3.585	1.2171	8.2299	1.21711
3500	-5.2833	-4.0886	4.4606	1.1667	3.611	1.2209	8.2510	1.22093
3600	-5.1947	-3.9862	4.4757	1.1500	3.643	1.2258	8.3068	1.22580
3700	-5.0966	-3.8740	4.4922	1.1370	3.681	1.2318	8.3949	1.23179
3800	-4.9896	-3.7529	4.5099	1.1274	3.725	1.2389	8.5145	1.23891
3900	-4.8750	-3.6242	4.5286	1.1205	3.775	1.2471	8.6598	1.24710
4000	-4.7546	-3.4896	4.5478	1.1155	3.828	1.2562	8.8261	1.25623
4100	-4.6297	-3.3505	4.5675	1.1120	3.885	1.2662	9.0098	1.26624
4200	-4.5020	-3.2087	4.5873	1.1097	3.945	1.2770	9.2055	1.27696
4300	-4.3725	-3.0652	4.6071	1.1082	4.007	1.2883	9.4108	1.28832
4400	-4.2430	-2.9217	4.6266	1.1074	4.070	1.3002	9.6194	1.30018
4500	-4.1137	-2.7785	4.6458	1.1071	4.135	1.3125	9.8316	1.31246
4600	-3.9859	-2.6370	4.6646	1.1073	4.201	1.3251	10.0428	1.32507
4700	-3.8599	-2.4975	4.6829	1.1076	4.268	1.3379	10.2522	1.33792
4800	-3.7360	-2.3603	4.7007	1.1083	4.335	1.3510	10.4589	1.35099
4900	-3.6146	-2.2257	4.7180	1.1085	4.402	1.3642	10.6620	1.36420
5000	-3.4949	-2.0930	4.7350	1.1095	4.470	1.3774	10.8640	1.37742
5100	-3.3795	-1.9648	4.7512	1.1113	4.540	1.3908	11.0556	1.39076
5200	-3.2671	-1.8398	4.7668	1.1126	4.609	1.4041	11.2414	1.40413
5300	-3.1576	-1.7180	4.7820	1.1140	4.678	1.4175	11.4217	1.41753
5400	-3.0513	-1.5995	4.7967	1.1153	4.747	1.4309	11.5952	1.43088
5500	-2.9479	-1.4841	4.8109	1.1169	4.817	1.4442	11.7633	1.44423

S/R= 49.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5600	-2.8478	-1.3721	4.8246	1.1184	4.886	1.4575	11.9238	1.45747
5700	-2.7504	-1.2631	4.8379	1.1199	4.955	1.4707	12.0786	1.47065
5800	-2.6559	-1.1573	4.8508	1.1214	5.024	1.4838	12.2273	1.48376
5900	-2.5640	-1.0542	4.8632	1.1231	5.093	1.4968	12.3707	1.49679
6000	-2.4752	-0.9543	4.8753	1.1249	5.162	1.5097	12.5068	1.50967
6100	-2.3890	-0.8573	4.8870	1.1266	5.231	1.5224	12.6376	1.52241
6200	-2.3056	-0.7632	4.8983	1.1285	5.300	1.5351	12.7624	1.53504
6300	-2.2247	-0.6719	4.9093	1.1303	5.368	1.5475	12.8818	1.54753
6400	-2.1465	-0.5834	4.9199	1.1321	5.436	1.5598	12.9941	1.55980
6500	-2.0705	-0.4973	4.9303	1.1339	5.504	1.5720	13.1024	1.57197
6600	-1.9968	-0.4136	4.9403	1.1359	5.573	1.5840	13.2058	1.58399
6700	-1.9255	-0.3326	4.9500	1.1377	5.640	1.5958	13.3028	1.59578
6800	-1.8562	-0.2537	4.9595	1.1396	5.707	1.6075	13.3960	1.60745
6900	-1.7892	-0.1773	4.9687	1.1415	5.774	1.6189	13.4838	1.61891
7000	-1.7240	-0.1027	4.9775	1.1433	5.841	1.6303	13.5677	1.63024
7100	-1.6609	-0.0306	4.9863	1.1455	5.908	1.6414	13.6467	1.64136
7200	-1.5997	0.0395	4.9947	1.1475	5.975	1.6523	13.7214	1.65230
7300	-1.5406	0.1075	5.0029	1.1495	6.041	1.6631	13.7909	1.66300
7400	-1.4829	0.1739	5.0109	1.1514	6.106	1.6736	13.8577	1.67356
7500	-1.4271	0.2381	5.0187	1.1534	6.172	1.6840	13.9196	1.68390
7600	-1.3729	0.3007	5.0263	1.1556	6.238	1.6941	13.9781	1.69406
7700	-1.3206	0.3613	5.0336	1.1578	6.303	1.7041	14.0321	1.70398
7800	-1.2697	0.4202	5.0408	1.1597	6.367	1.7138	14.0828	1.71372
7900	-1.2202	0.4777	5.0478	1.1618	6.432	1.7234	14.1303	1.72328
8000	-1.1721	0.5336	5.0546	1.1639	6.496	1.7328	14.1748	1.73266
8100	-1.1256	0.5878	5.0612	1.1661	6.559	1.7420	14.2154	1.74181
8200	-1.0804	0.6406	5.0677	1.1685	6.623	1.7509	14.2529	1.75077
8300	-1.0366	0.6918	5.0740	1.1706	6.686	1.7597	14.2870	1.75948
8400	-0.9940	0.7416	5.0802	1.1726	6.749	1.7682	14.3184	1.76802
8500	-0.9526	0.7903	5.0862	1.1749	6.811	1.7766	14.3472	1.77640
8600	-0.9124	0.8375	5.0920	1.1773	6.874	1.7848	14.3725	1.78453
8700	-0.8736	0.8833	5.0977	1.1798	6.937	1.7927	14.3949	1.79242
8800	-0.8358	0.9279	5.1033	1.1818	6.998	1.8005	14.4152	1.80016
8900	-0.7989	0.9715	5.1088	1.1840	7.058	1.8080	14.4333	1.80772
9000	-0.7632	1.0138	5.1141	1.1864	7.120	1.8154	14.4483	1.81505
9100	-0.7285	1.0551	5.1193	1.1888	7.180	1.8226	14.4615	1.82224
9200	-0.6948	1.0952	5.1243	1.1913	7.241	1.8296	14.4721	1.82919
9300	-0.6621	1.1342	5.1293	1.1937	7.301	1.8363	14.4800	1.83591
9400	-0.6302	1.1723	5.1341	1.1957	7.360	1.8429	14.4865	1.84251
9500	-0.5991	1.2095	5.1388	1.1979	7.419	1.8494	14.4913	1.84894
9600	-0.5690	1.2456	5.1435	1.2006	7.479	1.8556	14.4938	1.85516
9700	-0.5397	1.2808	5.1480	1.2031	7.538	1.8617	14.4942	1.86118
9800	-0.5111	1.3152	5.1524	1.2053	7.595	1.8676	14.4933	1.86707
9900	-0.4834	1.3487	5.1567	1.2077	7.653	1.8733	14.4905	1.87276
10000	-0.4564	1.3814	5.1609	1.2098	7.710	1.8788	14.4859	1.87826
10100	-0.4299	1.4134	5.1651	1.2121	7.767	1.8842	14.4803	1.88364
10200	-0.4043	1.4445	5.1692	1.2144	7.823	1.8895	14.4732	1.88886
10300	-0.3791	1.4751	5.1732	1.2167	7.880	1.8946	14.4648	1.89395
10400	-0.3547	1.5048	5.1771	1.2191	7.936	1.8995	14.4553	1.89886
10500	-0.3309	1.5339	5.1809	1.2209	7.990	1.9043	14.4444	1.90362
10600	-0.3075	1.5624	5.1847	1.2228	8.044	1.9090	14.4328	1.90828
10700	-0.2847	1.5903	5.1884	1.2250	8.099	1.9135	14.4201	1.91280
10800	-0.2625	1.6176	5.1920	1.2269	8.152	1.9179	14.4064	1.91717
10900	-0.2406	1.6445	5.1956	1.2286	8.204	1.9221	14.3922	1.92146
11000	-0.2192	1.6707	5.1991	1.2304	8.257	1.9263	14.3773	1.92563

S/R= 49.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11100	-0.1983	1.6965	5.2025	1.2323	8.309	1.9303	14.3614	1.92967
11200	-0.1778	1.7218	5.2059	1.2342	8.362	1.9343	14.3453	1.93363
11300	-0.1578	1.7465	5.2093	1.2359	8.413	1.9381	14.3279	1.93743
11400	-0.1381	1.7708	5.2125	1.2370	8.462	1.9418	14.3107	1.94118
11500	-0.1187	1.7949	5.2158	1.2385	8.512	1.9455	14.2934	1.94487
11600	-0.0997	1.8184	5.2190	1.2400	8.562	1.9490	14.2752	1.94843
11700	-0.0810	1.8416	5.2222	1.2408	8.609	1.9525	14.2572	1.95195
11800	-0.0626	1.8645	5.2254	1.2419	8.657	1.9558	14.2388	1.95539
11900	-0.0444	1.8871	5.2285	1.2431	8.706	1.9592	14.2207	1.95879
12000	-0.0265	1.9093	5.2315	1.2439	8.752	1.9624	14.2017	1.96207
12100	-0.0089	1.9312	5.2345	1.2447	8.798	1.9656	14.1833	1.96533
12200	0.0085	1.9529	5.2376	1.2455	8.845	1.9687	14.1645	1.96853
12300	0.0257	1.9743	5.2405	1.2464	8.891	1.9718	14.1463	1.97170
12400	0.0426	1.9954	5.2435	1.2472	8.937	1.9748	14.1276	1.97479
12500	0.0593	2.0163	5.2464	1.2475	8.981	1.9778	14.1092	1.97786
12600	0.0759	2.0369	5.2493	1.2478	9.024	1.9807	14.0911	1.98090
12700	0.0923	2.0574	5.2522	1.2481	9.067	1.9836	14.0730	1.98389
12800	0.1085	2.0776	5.2550	1.2485	9.111	1.9864	14.0551	1.98684
12900	0.1245	2.0977	5.2579	1.2485	9.153	1.9892	14.0377	1.98980
13000	0.1405	2.1175	5.2607	1.2486	9.195	1.9920	14.0204	1.99274
13100	0.1562	2.1372	5.2635	1.2489	9.238	1.9947	14.0035	1.99564
13200	0.1719	2.1568	5.2663	1.2492	9.281	1.9974	13.9867	1.99853
13300	0.1874	2.1761	5.2691	1.2490	9.321	2.0001	13.9703	2.00139
13400	0.2028	2.1953	5.2718	1.2487	9.361	2.0027	13.9543	2.00426
13500	0.2180	2.2144	5.2746	1.2486	9.402	2.0054	13.9385	2.00710
13600	0.2332	2.2333	5.2773	1.2483	9.441	2.0080	13.9232	2.00994
13700	0.2482	2.2521	5.2800	1.2482	9.482	2.0106	13.9084	2.01279
13800	0.2632	2.2708	5.2827	1.2480	9.522	2.0131	13.8939	2.01562
13900	0.2781	2.2894	5.2854	1.2468	9.558	2.0157	13.8798	2.01847
14000	0.2930	2.3079	5.2881	1.2471	9.599	2.0182	13.8664	2.02128
14100	0.3076	2.3262	5.2908	1.2477	9.642	2.0208	13.8527	2.02414
14200	0.3222	2.3444	5.2934	1.2468	9.678	2.0233	13.8398	2.02700
14300	0.3368	2.3626	5.2961	1.2461	9.716	2.0258	13.8273	2.02984
14400	0.3513	2.3806	5.2987	1.2453	9.753	2.0283	13.8151	2.03270
14500	0.3657	2.3986	5.3014	1.2454	9.793	2.0308	13.8035	2.03555
14600	0.3800	2.4164	5.3040	1.2448	9.830	2.0332	13.7920	2.03841
14700	0.3943	2.4342	5.3065	1.2440	9.866	2.0357	13.7813	2.04130
14800	0.4085	2.4519	5.3092	1.2438	9.905	2.0381	13.7707	2.04418
14900	0.4227	2.4695	5.3118	1.2432	9.942	2.0406	13.7608	2.04709
15000	0.4368	2.4870	5.3144	1.2428	9.980	2.0430	13.7511	2.05000

S/R= 49.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2100	-6.7291	-5.7845	4.2357	1.1031	2.633	1.1441	8.1928	1.14413
2200	-6.4587	-5.4862	4.2767	1.1099	2.727	1.1646	8.5953	1.16456
2300	-6.2446	-5.2468	4.3088	1.1292	2.832	1.1809	8.8532	1.18094
2400	-6.0859	-5.0654	4.3330	1.1592	2.946	1.1926	8.9690	1.19264
2500	-5.9736	-4.9327	4.3507	1.2013	3.070	1.2000	8.9686	1.19996
2600	-5.8926	-4.8331	4.3641	1.2477	3.196	1.2041	8.8936	1.20411
2700	-5.8293	-4.7526	4.3750	1.2838	3.307	1.2064	8.7831	1.20640
2800	-5.7746	-4.6816	4.3849	1.3011	3.392	1.2078	8.6637	1.20777
2900	-5.7234	-4.6148	4.3942	1.3002	3.452	1.2088	8.5476	1.20878
3000	-5.6724	-4.5487	4.4035	1.2856	3.493	1.2097	8.4431	1.20974
3100	-5.6193	-4.4810	4.4134	1.2625	3.520	1.2109	8.3570	1.21091

S/R= 49.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3200	-5.5619	-4.4092	4.4239	1.2352	3.540	1.2125	8.2928	1.21251
3300	-5.4980	-4.3311	4.4353	1.2076	3.558	1.2147	8.2563	1.21473
3400	-5.4259	-4.2450	4.4480	1.1828	3.579	1.2178	8.2515	1.21778
3500	-5.3444	-4.1494	4.4621	1.1622	3.605	1.2218	8.2800	1.22183
3600	-5.2527	-4.0438	4.4777	1.1461	3.638	1.2270	8.3442	1.22698
3700	-5.1514	-3.9283	4.4946	1.1337	3.678	1.2333	8.4413	1.23328
3800	-5.0410	-3.8037	4.5127	1.1247	3.724	1.2407	8.5695	1.24072
3900	-4.9233	-3.6717	4.5317	1.1183	3.775	1.2492	8.7233	1.24924
4000	-4.7998	-3.5340	4.5513	1.1136	3.829	1.2587	8.8975	1.25870
4100	-4.6722	-3.3921	4.5713	1.1105	3.887	1.2690	9.0885	1.26902
4200	-4.5420	-3.2477	4.5913	1.1084	3.947	1.2800	9.2907	1.28004
4300	-4.4104	-3.1019	4.6113	1.1071	4.010	1.2917	9.5017	1.29168
4400	-4.2789	-2.9564	4.6309	1.1065	4.074	1.3038	9.7153	1.30380
4500	-4.1479	-2.8115	4.6503	1.1063	4.140	1.3163	9.9321	1.31634
4600	-4.0185	-2.6683	4.6691	1.1066	4.206	1.3292	10.1470	1.32918
4700	-3.8912	-2.5274	4.6874	1.1070	4.273	1.3422	10.3597	1.34225
4800	-3.7662	-2.3890	4.7053	1.1077	4.341	1.3555	10.5694	1.35553
4900	-3.6438	-2.2534	4.7225	1.1080	4.408	1.3689	10.7749	1.36893
5000	-3.5232	-2.1198	4.7395	1.1090	4.477	1.3823	10.9791	1.38233
5100	-3.4069	-1.9907	4.7557	1.1110	4.548	1.3959	11.1727	1.39585
5200	-3.2938	-1.8650	4.7714	1.1123	4.617	1.4094	11.3598	1.40938
5300	-3.1838	-1.7425	4.7865	1.1136	4.686	1.4229	11.5416	1.42294
5400	-3.0769	-1.6234	4.8012	1.1151	4.756	1.4364	11.7162	1.43644
5500	-2.9730	-1.5075	4.8154	1.1166	4.825	1.4499	11.8853	1.44994
5600	-2.8725	-1.3951	4.8290	1.1181	4.895	1.4633	12.0465	1.46330
5700	-2.7747	-1.2857	4.8423	1.1197	4.964	1.4766	12.2021	1.47661
5800	-2.6799	-1.1795	4.8551	1.1212	5.033	1.4898	12.3511	1.48984
5900	-2.5878	-1.0761	4.8676	1.1230	5.103	1.5030	12.4949	1.50299
6000	-2.4987	-0.9760	4.8796	1.1248	5.172	1.5160	12.6312	1.51597
6100	-2.4124	-0.8788	4.8913	1.1265	5.241	1.5288	12.7621	1.52883
6200	-2.3288	-0.7846	4.9025	1.1284	5.311	1.5416	12.8869	1.54155
6300	-2.2477	-0.6930	4.9135	1.1303	5.379	1.5541	13.0061	1.55413
6400	-2.1694	-0.6044	4.9241	1.1320	5.448	1.5665	13.1184	1.56648
6500	-2.0933	-0.5182	4.9344	1.1339	5.516	1.5787	13.2264	1.57874
6600	-2.0195	-0.4345	4.9444	1.1359	5.585	1.5908	13.3293	1.59083
6700	-1.9483	-0.3535	4.9540	1.1377	5.652	1.6027	13.4261	1.60269
6800	-1.8789	-0.2745	4.9634	1.1396	5.720	1.6145	13.5185	1.61443
6900	-1.8119	-0.1981	4.9726	1.1415	5.787	1.6260	13.6059	1.62595
7000	-1.7467	-0.1236	4.9815	1.1434	5.854	1.6374	13.6892	1.63733
7100	-1.6837	-0.0515	4.9901	1.1456	5.921	1.6485	13.7674	1.64850
7200	-1.6226	0.0185	4.9985	1.1477	5.988	1.6595	13.8413	1.65947
7300	-1.5635	0.0864	5.0067	1.1496	6.054	1.6703	13.9101	1.67021
7400	-1.5059	0.1527	5.0146	1.1515	6.120	1.6809	13.9758	1.68081
7500	-1.4503	0.2168	5.0223	1.1537	6.186	1.6912	14.0368	1.69117
7600	-1.3963	0.2792	5.0299	1.1559	6.252	1.7014	14.0943	1.70135
7700	-1.3440	0.3397	5.0372	1.1580	6.317	1.7114	14.1472	1.71128
7800	-1.2933	0.3985	5.0443	1.1601	6.382	1.7211	14.1968	1.72104
7900	-1.2440	0.4557	5.0512	1.1622	6.446	1.7307	14.2431	1.73059
8000	-1.1961	0.5114	5.0580	1.1643	6.510	1.7401	14.2864	1.73997
8100	-1.1497	0.5655	5.0646	1.1666	6.574	1.7492	14.3256	1.74911
8200	-1.1047	0.6180	5.0710	1.1689	6.639	1.7582	14.3620	1.75806
8300	-1.0611	0.6690	5.0773	1.1711	6.702	1.7669	14.3945	1.76675
8400	-1.0188	0.7187	5.0834	1.1732	6.764	1.7755	14.4246	1.77527
8500	-0.9776	0.7671	5.0893	1.1755	6.827	1.7838	14.4520	1.78362
8600	-0.9377	0.8140	5.0951	1.1780	6.890	1.7920	14.4760	1.79171

S/R= 49.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8700	-0.8991	0.8595	5.1008	1.1805	6.952	1.7998	14.4967	1.79957
8800	-0.8615	0.9039	5.1063	1.1826	7.013	1.8075	14.5154	1.80726
8900	-0.8249	0.9472	5.1117	1.1848	7.075	1.8151	14.5319	1.81478
9000	-0.7895	0.9892	5.1170	1.1872	7.136	1.8224	14.5454	1.82205
9100	-0.7550	1.0302	5.1221	1.1896	7.197	1.8295	14.5571	1.82918
9200	-0.7216	1.0701	5.1271	1.1922	7.258	1.8364	14.5659	1.83607
9300	-0.6892	1.1087	5.1320	1.1947	7.318	1.8431	14.5721	1.84273
9400	-0.6576	1.1465	5.1368	1.1968	7.377	1.8497	14.5769	1.84925
9500	-0.6268	1.1834	5.1415	1.1989	7.435	1.8560	14.5801	1.85561
9600	-0.5969	1.2193	5.1461	1.2016	7.495	1.8622	14.5810	1.86176
9700	-0.5679	1.2542	5.1505	1.2042	7.554	1.8682	14.5798	1.86770
9800	-0.5396	1.2883	5.1549	1.2065	7.612	1.8740	14.5771	1.87351
9900	-0.5121	1.3215	5.1592	1.2089	7.670	1.8796	14.5725	1.87911
10000	-0.4854	1.3538	5.1634	1.2112	7.727	1.8851	14.5663	1.88453
10100	-0.4592	1.3855	5.1675	1.2134	7.783	1.8904	14.5592	1.88983
10200	-0.4338	1.4164	5.1715	1.2156	7.840	1.8955	14.5504	1.89496
10300	-0.4089	1.4466	5.1754	1.2179	7.896	1.9005	14.5406	1.89997
10400	-0.3847	1.4761	5.1793	1.2204	7.952	1.9054	14.5296	1.90480
10500	-0.3612	1.5049	5.1831	1.2221	8.006	1.9100	14.5172	1.90947
10600	-0.3380	1.5332	5.1868	1.2241	8.060	1.9146	14.5040	1.91404
10700	-0.3155	1.5608	5.1905	1.2264	8.115	1.9190	14.4899	1.91846
10800	-0.2935	1.5879	5.1940	1.2282	8.168	1.9233	14.4747	1.92275
10900	-0.2718	1.6144	5.1976	1.2298	8.220	1.9275	14.4593	1.92696
11000	-0.2507	1.6405	5.2010	1.2316	8.272	1.9316	14.4428	1.93104
11100	-0.2300	1.6660	5.2045	1.2333	8.324	1.9355	14.4258	1.93500
11200	-0.2096	1.6911	5.2078	1.2351	8.376	1.9394	14.4086	1.93890
11300	-0.1898	1.7156	5.2111	1.2369	8.427	1.9431	14.3903	1.94263
11400	-0.1703	1.7398	5.2144	1.2381	8.477	1.9468	14.3719	1.94630
11500	-0.1510	1.7637	5.2177	1.2393	8.526	1.9503	14.3535	1.94992
11600	-0.1322	1.7870	5.2208	1.2407	8.575	1.9538	14.3344	1.95342
11700	-0.1136	1.8101	5.2240	1.2416	8.623	1.9572	14.3153	1.95687
11800	-0.0953	1.8328	5.2271	1.2426	8.670	1.9605	14.2960	1.96024
11900	-0.0772	1.8553	5.2302	1.2437	8.718	1.9638	14.2771	1.96358
12000	-0.0595	1.8774	5.2332	1.2444	8.764	1.9670	14.2574	1.96682
12100	-0.0419	1.8992	5.2362	1.2451	8.810	1.9701	14.2382	1.97003
12200	-0.0246	1.9208	5.2392	1.2457	8.855	1.9732	14.2189	1.97319
12300	-0.0075	1.9421	5.2422	1.2464	8.901	1.9762	14.1999	1.97632
12400	0.0094	1.9631	5.2451	1.2473	8.947	1.9791	14.1809	1.97938
12500	0.0261	1.9840	5.2480	1.2476	8.991	1.9821	14.1618	1.98242
12600	0.0426	2.0046	5.2509	1.2478	9.034	1.9849	14.1434	1.98541
12700	0.0589	2.0250	5.2538	1.2481	9.077	1.9878	14.1248	1.98838
12800	0.0751	2.0451	5.2566	1.2483	9.120	1.9905	14.1066	1.99131
12900	0.0912	2.0652	5.2595	1.2481	9.161	1.9933	14.0888	1.99425
13000	0.1071	2.0851	5.2623	1.2482	9.203	1.9961	14.0714	1.99716
13100	0.1229	2.1047	5.2651	1.2485	9.246	1.9988	14.0541	2.00005
13200	0.1385	2.1243	5.2679	1.2487	9.288	2.0015	14.0373	2.00293
13300	0.1540	2.1436	5.2706	1.2484	9.328	2.0041	14.0206	2.00579
13400	0.1694	2.1629	5.2734	1.2481	9.368	2.0068	14.0046	2.00865
13500	0.1847	2.1819	5.2761	1.2480	9.409	2.0094	13.9885	2.01149
13600	0.1999	2.2009	5.2788	1.2475	9.448	2.0120	13.9731	2.01434
13700	0.2150	2.2197	5.2816	1.2474	9.488	2.0145	13.9582	2.01719
13800	0.2300	2.2385	5.2843	1.2473	9.528	2.0171	13.9437	2.02003
13900	0.2449	2.2571	5.2870	1.2459	9.564	2.0197	13.9297	2.02288
14000	0.2599	2.2757	5.2897	1.2461	9.605	2.0222	13.9163	2.02571
14100	0.2745	2.2940	5.2923	1.2467	9.647	2.0247	13.9027	2.02858



S/R= 49.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14200	0.2892	2.3123	5.2950	1.2457	9.684	2.0272	13.8897	2.03145
14300	0.3038	2.3305	5.2976	1.2450	9.721	2.0298	13.8774	2.03432
14400	0.3184	2.3486	5.3003	1.2443	9.758	2.0323	13.8654	2.03719
14500	0.3329	2.3666	5.3029	1.2444	9.798	2.0347	13.8537	2.04006
14600	0.3473	2.3845	5.3056	1.2437	9.835	2.0372	13.8425	2.04295
14700	0.3616	2.4023	5.3082	1.2429	9.872	2.0397	13.8319	2.04586
14800	0.3759	2.4201	5.3108	1.2427	9.910	2.0421	13.8215	2.04877
14900	0.3901	2.4378	5.3134	1.2422	9.948	2.0446	13.8115	2.05171
15000	0.4043	2.4554	5.3160	1.2418	9.986	2.0470	13.8021	2.05465

S/R= 49.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2100	-6.7707	-5.8249	4.2405	1.1041	2.638	1.1473	8.2863	1.14735
2200	-6.5041	-5.5306	4.2808	1.1115	2.732	1.1675	8.5762	1.16749
2300	-6.2958	-5.2971	4.3119	1.1323	2.839	1.1833	8.9161	1.18334
2400	-6.1437	-5.1225	4.3350	1.1648	2.955	1.1944	9.0120	1.19437
2500	-6.0370	-4.9956	4.3519	1.2093	3.082	1.2011	8.9947	1.20107
2600	-5.9596	-4.8999	4.3648	1.2559	3.207	1.2048	8.9085	1.20478
2700	-5.8982	-4.8214	4.3755	1.2895	3.315	1.2068	8.7920	1.20682
2800	-5.8444	-4.7513	4.3852	1.3034	3.395	1.2081	8.6697	1.20806
2900	-5.7934	-4.6847	4.3945	1.2996	3.452	1.2090	8.5530	1.20901
3000	-5.7421	-4.6183	4.4039	1.2827	3.489	1.2100	8.4492	1.20997
3100	-5.6882	-4.5498	4.4138	1.2580	3.515	1.2112	8.3652	1.21119
3200	-5.6294	-4.4766	4.4245	1.2299	3.533	1.2129	8.3044	1.21288
3300	-5.5637	-4.3967	4.4362	1.2022	3.551	1.2152	8.2728	1.21524
3400	-5.4893	-4.3081	4.4492	1.1777	3.572	1.2185	8.2746	1.21849
3500	-5.4049	-4.2096	4.4637	1.1578	3.600	1.2228	8.3107	1.22278
3600	-5.3100	-4.1006	4.4797	1.1423	3.634	1.2282	8.3834	1.22822
3700	-5.2053	-3.9817	4.4971	1.1306	3.675	1.2348	8.4892	1.23484
3800	-5.0916	-3.8537	4.5156	1.1222	3.722	1.2426	8.6267	1.24261
3900	-4.9707	-3.7184	4.5350	1.1162	3.774	1.2515	8.7889	1.25145
4000	-4.8443	-3.5776	4.5549	1.1119	3.830	1.2612	8.9710	1.26124
4100	-4.7139	-3.4328	4.5751	1.1091	3.889	1.2719	9.1593	1.27187
4200	-4.5813	-3.2859	4.5954	1.1072	3.950	1.2832	9.3778	1.28319
4300	-4.4476	-3.1379	4.6155	1.1061	4.013	1.2951	9.5944	1.29511
4400	-4.3142	-2.9904	4.6353	1.1056	4.078	1.3075	9.8130	1.30749
4500	-4.1815	-2.8437	4.6547	1.1055	4.144	1.3203	10.0341	1.32027
4600	-4.0507	-2.6991	4.6736	1.1059	4.212	1.3333	10.2526	1.33334
4700	-3.9220	-2.5568	4.6920	1.1064	4.279	1.3466	10.4585	1.34663
4800	-3.7959	-2.4172	4.7099	1.1072	4.348	1.3601	10.6812	1.36011
4900	-3.6725	-2.2806	4.7272	1.1075	4.415	1.3737	10.8890	1.37371
5000	-3.5510	-2.1461	4.7441	1.1086	4.484	1.3873	11.0954	1.38730
5100	-3.4340	-2.0162	4.7603	1.1106	4.555	1.4010	11.2906	1.40098
5200	-3.3203	-1.8897	4.7759	1.1120	4.625	1.4147	11.4794	1.41468
5300	-3.2096	-1.7666	4.7911	1.1133	4.695	1.4284	11.6624	1.42839
5400	-3.1022	-1.6470	4.8057	1.1148	4.764	1.4420	11.8380	1.44204
5500	-2.9979	-1.5306	4.8198	1.1164	4.834	1.4557	12.0080	1.45567
5600	-2.8969	-1.4178	4.8335	1.1179	4.904	1.4692	12.1698	1.46917
5700	-2.7988	-1.3080	4.8467	1.1195	4.974	1.4826	12.3261	1.48260
5800	-2.7037	-1.2015	4.8595	1.1211	5.043	1.4959	12.4754	1.49595
5900	-2.6113	-1.0979	4.8719	1.1228	5.113	1.5092	12.6196	1.50921
6000	-2.5221	-0.9975	4.8839	1.1246	5.183	1.5223	12.7560	1.52230
6100	-2.4355	-0.9001	4.8955	1.1264	5.252	1.5353	12.8869	1.53525
6200	-2.3517	-0.8057	4.9067	1.1283	5.322	1.5481	13.0118	1.54807

S/R= 49.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6300	-2.2706	-0.7143	4.9176	1.1302	5.391	1.5608	13.1307	1.56074
6400	-2.1922	-0.6253	4.9282	1.1320	5.459	1.5732	13.2429	1.57318
6500	-2.1160	-0.5391	4.9384	1.1339	5.528	1.5855	13.3505	1.58551
6600	-2.0422	-0.4553	4.9484	1.1359	5.597	1.5977	13.4529	1.59767
6700	-1.9709	-0.3743	4.9580	1.1377	5.664	1.6096	13.5493	1.60960
6800	-1.9016	-0.2953	4.9674	1.1396	5.732	1.6214	13.6413	1.62140
6900	-1.8346	-0.2189	4.9765	1.1416	5.800	1.6330	13.7279	1.63298
7000	-1.7694	-0.1444	4.9853	1.1435	5.867	1.6444	13.8105	1.64440
7100	-1.7065	-0.0724	4.9939	1.1457	5.935	1.6557	13.8880	1.65562
7200	-1.6454	-0.0024	5.0023	1.1478	6.002	1.6667	13.9611	1.66663
7300	-1.5865	0.0653	5.0103	1.1498	6.068	1.6774	14.0289	1.67740
7400	-1.5290	0.1315	5.0183	1.1517	6.134	1.6881	14.0937	1.68803
7500	-1.4734	0.1955	5.0259	1.1539	6.200	1.6985	14.1537	1.69842
7600	-1.4195	0.2578	5.0334	1.1562	6.266	1.7087	14.2102	1.70861
7700	-1.3675	0.3181	5.0407	1.1584	6.331	1.7186	14.2619	1.71855
7800	-1.3169	0.3767	5.0477	1.1604	6.396	1.7284	14.3103	1.72831
7900	-1.2677	0.4338	5.0546	1.1626	6.461	1.7380	14.3554	1.73787
8000	-1.2201	0.4893	5.0614	1.1648	6.525	1.7474	14.3973	1.74724
8100	-1.1739	0.5431	5.0679	1.1670	6.589	1.7565	14.4352	1.75636
8200	-1.1291	0.5954	5.0743	1.1694	6.654	1.7654	14.4702	1.76530
8300	-1.0858	0.6462	5.0805	1.1716	6.717	1.7741	14.5013	1.77397
8400	-1.0436	0.6956	5.0865	1.1738	6.780	1.7826	14.5299	1.78246
8500	-1.0027	0.7437	5.0925	1.1762	6.843	1.7910	14.5559	1.79077
8600	-0.9630	0.7904	5.0982	1.1787	6.906	1.7990	14.5783	1.79882
8700	-0.9247	0.8356	5.1038	1.1812	6.968	1.8069	14.5975	1.80664
8800	-0.8874	0.8797	5.1093	1.1833	7.029	1.8145	14.6145	1.81428
8900	-0.8511	0.9227	5.1146	1.1856	7.091	1.8220	14.6294	1.82174
9000	-0.8159	0.9645	5.1198	1.1881	7.152	1.8293	14.6412	1.82896
9100	-0.7817	1.0052	5.1249	1.1906	7.213	1.8363	14.6512	1.83602
9200	-0.7485	1.0447	5.1299	1.1932	7.274	1.8432	14.6584	1.84285
9300	-0.7164	1.0830	5.1347	1.1957	7.334	1.8498	14.6629	1.84944
9400	-0.6851	1.1205	5.1394	1.1979	7.393	1.8562	14.6659	1.85588
9500	-0.6546	1.1571	5.1441	1.2000	7.452	1.8625	14.6674	1.86216
9600	-0.6250	1.1926	5.1486	1.2027	7.511	1.8686	14.6666	1.86823
9700	-0.5963	1.2272	5.1530	1.2053	7.570	1.8745	14.6636	1.87410
9800	-0.5683	1.2610	5.1573	1.2077	7.628	1.8802	14.6593	1.87982
9900	-0.5411	1.2939	5.1616	1.2102	7.686	1.8858	14.6531	1.88533
10000	-0.5146	1.3259	5.1657	1.2125	7.743	1.8911	14.6452	1.89066
10100	-0.4888	1.3573	5.1698	1.2147	7.800	1.8963	14.6363	1.89587
10200	-0.4636	1.3879	5.1737	1.2170	7.856	1.9014	14.6258	1.90090
10300	-0.4390	1.4178	5.1776	1.2191	7.912	1.9063	14.6146	1.90582
10400	-0.4151	1.4471	5.1814	1.2215	7.968	1.9111	14.6019	1.91057
10500	-0.3917	1.4756	5.1852	1.2234	8.022	1.9157	14.5880	1.91516
10600	-0.3689	1.5036	5.1889	1.2254	8.076	1.9201	14.5735	1.91964
10700	-0.3465	1.5310	5.1925	1.2277	8.131	1.9245	14.5579	1.92397
10800	-0.3247	1.5578	5.1960	1.2294	8.183	1.9286	14.5414	1.92817
10900	-0.3033	1.5841	5.1995	1.2310	8.235	1.9327	14.5245	1.93229
11000	-0.2824	1.6099	5.2030	1.2328	8.287	1.9367	14.5068	1.93629
11100	-0.2619	1.6352	5.2063	1.2344	8.339	1.9406	14.4886	1.94017
11200	-0.2417	1.6601	5.2097	1.2361	8.390	1.9444	14.4702	1.94398
11300	-0.2220	1.6845	5.2130	1.2377	8.441	1.9480	14.4509	1.94765
11400	-0.2026	1.7085	5.2162	1.2388	8.490	1.9516	14.4315	1.95127
11500	-0.1835	1.7322	5.2194	1.2402	8.539	1.9551	14.4120	1.95482
11600	-0.1648	1.7554	5.2226	1.2415	8.588	1.9585	14.3918	1.95825
11700	-0.1463	1.7784	5.2257	1.2423	8.635	1.9618	14.3721	1.96164

S/R= 49.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11800	-0.1282	1.8009	5.2288	1.2432	8.682	1.9650	14.3519	1.96495
11900	-0.1102	1.8233	5.2319	1.2441	8.729	1.9682	14.3322	1.96824
12000	-0.0925	1.8453	5.2349	1.2448	8.775	1.9714	14.3117	1.97142
12100	-0.0751	1.8670	5.2379	1.2454	8.821	1.9744	14.2920	1.97458
12200	-0.0578	1.8885	5.2408	1.2459	8.866	1.9774	14.2721	1.97770
12300	-0.0408	1.9098	5.2438	1.2465	8.911	1.9804	14.2527	1.98079
12400	-0.0240	1.9307	5.2467	1.2472	8.956	1.9833	14.2329	1.98382
12500	-0.0073	1.9515	5.2496	1.2475	9.000	1.9862	14.2136	1.98684
12600	0.0092	1.9721	5.2525	1.2476	9.042	1.9891	14.1947	1.98981
12700	0.0255	1.9924	5.2554	1.2477	9.085	1.9919	14.1759	1.99275
12800	0.0417	2.0126	5.2582	1.2481	9.128	1.9946	14.1573	1.99566
12900	0.0577	2.0326	5.2610	1.2479	9.169	1.9974	14.1392	1.99858
13000	0.0736	2.0525	5.2638	1.2477	9.211	2.0001	14.1215	2.00148
13100	0.0894	2.0722	5.2666	1.2479	9.253	2.0028	14.1040	2.00436
13200	0.1051	2.0917	5.2694	1.2479	9.294	2.0054	14.0870	2.00723
13300	0.1206	2.1111	5.2722	1.2476	9.335	2.0081	14.0703	2.01008
13400	0.1361	2.1304	5.2749	1.2473	9.375	2.0107	14.0541	2.01295
13500	0.1514	2.1495	5.2775	1.2472	9.415	2.0133	14.0381	2.01579
13600	0.1666	2.1685	5.2804	1.2467	9.454	2.0159	14.0227	2.01865
13700	0.1818	2.1873	5.2831	1.2465	9.494	2.0185	14.0078	2.02151
13800	0.1968	2.2061	5.2858	1.2464	9.534	2.0210	13.9933	2.02435
13900	0.2118	2.2248	5.2885	1.2450	9.569	2.0236	13.9792	2.02722
14000	0.2268	2.2434	5.2912	1.2451	9.610	2.0261	13.9659	2.03006
14100	0.2415	2.2618	5.2939	1.2457	9.653	2.0287	13.9523	2.03295
14200	0.2563	2.2801	5.2965	1.2447	9.689	2.0312	13.9397	2.03584
14300	0.2709	2.2984	5.2992	1.2439	9.726	2.0337	13.9274	2.03873
14400	0.2856	2.3166	5.3019	1.2432	9.763	2.0362	13.9155	2.04162
14500	0.3001	2.3347	5.3045	1.2431	9.803	2.0387	13.9040	2.04452
14600	0.3146	2.3526	5.3071	1.2426	9.840	2.0412	13.8928	2.04744
14700	0.3290	2.3706	5.3098	1.2418	9.877	2.0437	13.8825	2.05038
14800	0.3434	2.3884	5.3124	1.2415	9.915	2.0461	13.8724	2.05332
14900	0.3577	2.4062	5.3150	1.2409	9.953	2.0486	13.8627	2.05629
15000	0.3719	2.4238	5.3176	1.2406	9.991	2.0511	13.8534	2.05926

S/R= 49.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2100	-6.8125	-5.8655	4.2454	1.1053	2.643	1.1505	8.3787	1.15053
2200	-6.5502	-5.5756	4.2847	1.1131	2.738	1.1703	8.7549	1.17034
2300	-6.3480	-5.3485	4.3148	1.1357	2.846	1.1856	8.9760	1.18562
2400	-6.2025	-5.1808	4.3369	1.1709	2.965	1.1960	9.0517	1.19596
2500	-6.1012	-5.0594	4.3531	1.2176	3.093	1.2021	9.0181	1.20207
2600	-6.0272	-4.9672	4.3654	1.2639	3.218	1.2054	8.9217	1.20538
2700	-5.9675	-4.8905	4.3758	1.2947	3.322	1.2072	8.7999	1.20719
2800	-5.9144	-4.8212	4.3854	1.3052	3.398	1.2083	8.6754	1.20831
2900	-5.8634	-4.7547	4.3948	1.2986	3.451	1.2092	8.5581	1.20922
3000	-5.8117	-4.6879	4.4043	1.2795	3.485	1.2102	8.4554	1.21020
3100	-5.7569	-4.6184	4.4143	1.2533	3.508	1.2115	8.3737	1.21147
3200	-5.6968	-4.5438	4.4251	1.2245	3.526	1.2133	8.3167	1.21326
3300	-5.6291	-4.4619	4.4371	1.1968	3.543	1.2158	8.2905	1.21578
3400	-5.5521	-4.3707	4.4505	1.1728	3.566	1.2192	8.2990	1.21924
3500	-5.4647	-4.2691	4.4654	1.1535	3.594	1.2238	8.3432	1.22378
3600	-5.3666	-4.1567	4.4819	1.1387	3.630	1.2295	8.4246	1.22952
3700	-5.2585	-4.0343	4.4996	1.1277	3.673	1.2365	8.5396	1.23646
3800	-5.1414	-3.9028	4.5186	1.1198	3.721	1.2446	8.6860	1.24456

S/R= 49.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3900	-5.0173	-3.7642	4.5383	1.1142	3.775	1.2537	8.8568	1.25374
4000	-4.8879	-3.6203	4.5586	1.1103	3.831	1.2639	9.0468	1.26385
4100	-4.7549	-3.4728	4.5790	1.1077	3.891	1.2748	9.2523	1.27479
4200	-4.6199	-3.3235	4.5995	1.1061	3.953	1.2864	9.4568	1.28641
4300	-4.4841	-3.1732	4.6197	1.1051	4.017	1.2986	9.6889	1.29861
4400	-4.3488	-3.0238	4.6396	1.1047	4.083	1.3112	9.9123	1.31124
4500	-4.2145	-2.8755	4.6591	1.1048	4.149	1.3243	10.1375	1.32427
4600	-4.0823	-2.7293	4.6781	1.1053	4.217	1.3376	10.3597	1.33756
4700	-3.9524	-2.5858	4.6965	1.1059	4.285	1.3511	10.5789	1.35106
4800	-3.8251	-2.4450	4.7144	1.1067	4.354	1.3647	10.7941	1.36475
4900	-3.7008	-2.3073	4.7318	1.1071	4.422	1.3785	11.0042	1.37853
5000	-3.5785	-2.1719	4.7487	1.1082	4.492	1.3923	11.2125	1.39230
5100	-3.4607	-2.0413	4.7648	1.1102	4.563	1.4062	11.4093	1.40615
5200	-3.3463	-1.9142	4.7804	1.1116	4.633	1.4200	11.5996	1.42001
5300	-3.2351	-1.7905	4.7955	1.1130	4.703	1.4339	11.7838	1.43387
5400	-3.1272	-1.6703	4.8101	1.1145	4.773	1.4477	11.9604	1.44766
5500	-3.0224	-1.5534	4.8243	1.1161	4.843	1.4614	12.1312	1.46143
5600	-2.9211	-1.4403	4.8379	1.1177	4.914	1.4751	12.2937	1.47506
5700	-2.8226	-1.3301	4.8511	1.1193	4.984	1.4886	12.4504	1.48862
5800	-2.7273	-1.2233	4.8638	1.1209	5.053	1.5021	12.6002	1.50208
5900	-2.6346	-1.1194	4.8762	1.1227	5.123	1.5155	12.7445	1.51545
6000	-2.5452	-1.0188	4.8881	1.1245	5.193	1.5286	12.8812	1.52865
6100	-2.4584	-0.9213	4.8997	1.1263	5.263	1.5417	13.0120	1.54170
6200	-2.3745	-0.8267	4.9109	1.1282	5.333	1.5546	13.1369	1.55461
6300	-2.2933	-0.7349	4.9217	1.1302	5.402	1.5674	13.2555	1.56736
6400	-2.2148	-0.6461	4.9322	1.1320	5.471	1.5799	13.3675	1.57988
6500	-2.1386	-0.5598	4.9424	1.1339	5.540	1.5923	13.4747	1.59228
6600	-2.0647	-0.4760	4.9523	1.1360	5.609	1.6045	13.5767	1.60452
6700	-1.9934	-0.3949	4.9619	1.1378	5.677	1.6165	13.6725	1.61651
6800	-1.9241	-0.3160	4.9713	1.1397	5.745	1.6284	13.7640	1.62837
6900	-1.8572	-0.2396	4.9803	1.1417	5.813	1.6400	13.8498	1.64000
7000	-1.7920	-0.1652	4.9891	1.1437	5.880	1.6515	13.9318	1.65147
7100	-1.7292	-0.0933	4.9976	1.1458	5.948	1.6628	14.0084	1.66273
7200	-1.6682	-0.0233	5.0060	1.1480	6.015	1.6738	14.0805	1.67378
7300	-1.6094	0.0443	5.0140	1.1500	6.081	1.6846	14.1475	1.68457
7400	-1.5520	0.1103	5.0219	1.1520	6.147	1.6953	14.2113	1.69522
7500	-1.4966	0.1742	5.0295	1.1542	6.214	1.7057	14.2702	1.70564
7600	-1.4428	0.2363	5.0369	1.1565	6.280	1.7159	14.3255	1.71584
7700	-1.3909	0.2964	5.0441	1.1587	6.346	1.7259	14.3762	1.72579
7800	-1.3405	0.3549	5.0512	1.1608	6.410	1.7356	14.4233	1.73554
7900	-1.2916	0.4117	5.0580	1.1630	6.475	1.7452	14.4670	1.74510
8000	-1.2441	0.4670	5.0647	1.1652	6.540	1.7546	14.5075	1.75446
8100	-1.1982	0.5206	5.0712	1.1676	6.604	1.7637	14.5442	1.76356
8200	-1.1536	0.5727	5.0775	1.1699	6.669	1.7726	14.5776	1.77247
8300	-1.1105	0.6232	5.0836	1.1722	6.732	1.7813	14.6073	1.78112
8400	-1.0686	0.6723	5.0897	1.1745	6.795	1.7898	14.6343	1.78958
8500	-1.0279	0.7202	5.0955	1.1769	6.858	1.7980	14.6587	1.79784
8600	-0.9885	0.7666	5.1012	1.1794	6.921	1.8061	14.6795	1.80585
8700	-0.9504	0.8116	5.1068	1.1820	6.984	1.8138	14.6971	1.81363
8800	-0.9134	0.8554	5.1122	1.1842	7.045	1.8214	14.7124	1.82121
8900	-0.8774	0.8980	5.1175	1.1865	7.107	1.8289	14.7256	1.82861
9000	-0.8425	0.9395	5.1226	1.1890	7.168	1.8360	14.7358	1.83577
9100	-0.8086	0.9798	5.1277	1.1916	7.229	1.8430	14.7440	1.84276
9200	-0.7757	1.0190	5.1326	1.1943	7.290	1.8498	14.7495	1.84951
9300	-0.7439	1.0571	5.1373	1.1967	7.350	1.8563	14.7522	1.85603

S/R= 49.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9400	-0.7129	1.0942	5.1420	1.1990	7.409	1.8627	14.7534	1.86239
9500	-0.6827	1.1305	5.1466	1.2013	7.468	1.8689	14.7530	1.86859
9600	-0.6534	1.1657	5.1511	1.2039	7.528	1.8749	14.7506	1.87457
9700	-0.6250	1.2000	5.1554	1.2065	7.587	1.8807	14.7459	1.88035
9800	-0.5972	1.2335	5.1597	1.2088	7.644	1.8864	14.7400	1.88599
9900	-0.5703	1.2660	5.1639	1.2115	7.703	1.8918	14.7320	1.89141
10000	-0.5442	1.2978	5.1680	1.2139	7.760	1.8971	14.7224	1.89665
10100	-0.5186	1.3288	5.1720	1.2162	7.817	1.9022	14.7118	1.90176
10200	-0.4937	1.3591	5.1759	1.2183	7.872	1.9071	14.6997	1.90670
10300	-0.4694	1.3888	5.1798	1.2204	7.927	1.9119	14.6867	1.91152
10400	-0.4457	1.4177	5.1835	1.2228	7.983	1.9166	14.6725	1.91618
10500	-0.4226	1.4460	5.1872	1.2246	8.037	1.9211	14.6572	1.92068
10600	-0.3999	1.4738	5.1909	1.2265	8.091	1.9255	14.6412	1.92508
10700	-0.3778	1.5009	5.1945	1.2289	8.146	1.9297	14.6243	1.92933
10800	-0.3563	1.5274	5.1980	1.2306	8.198	1.9338	14.6063	1.93344
10900	-0.3351	1.5535	5.2014	1.2323	8.250	1.9378	14.5881	1.93747
11000	-0.3143	1.5791	5.2048	1.2340	8.302	1.9417	14.5692	1.94138
11100	-0.2940	1.6042	5.2082	1.2355	8.353	1.9455	14.5498	1.94518
11200	-0.2740	1.6289	5.2115	1.2371	8.404	1.9492	14.5302	1.94892
11300	-0.2545	1.6531	5.2147	1.2386	8.454	1.9527	14.5098	1.95251
11400	-0.2352	1.6769	5.2180	1.2396	8.502	1.9562	14.4893	1.95606
11500	-0.2162	1.7005	5.2211	1.2407	8.551	1.9597	14.4690	1.95955
11600	-0.1976	1.7236	5.2243	1.2420	8.600	1.9630	14.4482	1.96293
11700	-0.1793	1.7464	5.2274	1.2429	8.647	1.9662	14.4274	1.96626
11800	-0.1612	1.7689	5.2304	1.2437	8.694	1.9694	14.4064	1.96952
11900	-0.1433	1.7911	5.2335	1.2445	8.740	1.9726	14.3860	1.97275
12000	-0.1258	1.8130	5.2365	1.2451	8.786	1.9756	14.3650	1.97589
12100	-0.1084	1.8346	5.2395	1.2456	8.831	1.9787	14.3445	1.97900
12200	-0.0912	1.8560	5.2424	1.2461	8.876	1.9816	14.3241	1.98208
12300	-0.0742	1.8772	5.2454	1.2465	8.920	1.9846	14.3042	1.98514
12400	-0.0574	1.8981	5.2483	1.2471	8.965	1.9874	14.2840	1.98814
12500	-0.0408	1.9189	5.2512	1.2471	9.008	1.9903	14.2644	1.99113
12600	-0.0243	1.9395	5.2540	1.2472	9.050	1.9931	14.2451	1.99408
12700	-0.0080	1.9598	5.2569	1.2474	9.093	1.9959	14.2260	1.99700
12800	0.0082	1.9799	5.2597	1.2477	9.136	1.9986	14.2071	1.99990
12900	0.0242	2.0000	5.2625	1.2474	9.177	2.0013	14.1889	2.00281
13000	0.0401	2.0198	5.2653	1.2472	9.218	2.0040	14.1710	2.00570
13100	0.0559	2.0395	5.2681	1.2474	9.260	2.0067	14.1534	2.00857
13200	0.0716	2.0591	5.2709	1.2471	9.300	2.0093	14.1363	2.01144
13300	0.0872	2.0785	5.2737	1.2467	9.340	2.0119	14.1196	2.01429
13400	0.1027	2.0978	5.2764	1.2466	9.381	2.0146	14.1032	2.01716
13500	0.1180	2.1170	5.2792	1.2464	9.421	2.0172	14.0873	2.02001
13600	0.1333	2.1360	5.2819	1.2458	9.460	2.0198	14.0721	2.02288
13700	0.1485	2.1549	5.2846	1.2455	9.499	2.0223	14.0571	2.02575
13800	0.1636	2.1738	5.2873	1.2454	9.539	2.0249	14.0427	2.02861
13900	0.1787	2.1925	5.2900	1.2440	9.575	2.0275	14.0286	2.03149
14000	0.1937	2.2112	5.2927	1.2441	9.616	2.0300	14.0155	2.03435
14100	0.2085	2.2296	5.2954	1.2447	9.658	2.0325	14.0020	2.03726
14200	0.2233	2.2481	5.2981	1.2435	9.694	2.0351	13.9894	2.04017
14300	0.2381	2.2664	5.3008	1.2427	9.731	2.0376	13.9773	2.04308
14400	0.2528	2.2847	5.3034	1.2421	9.768	2.0401	13.9656	2.04601
14500	0.2674	2.3028	5.3061	1.2421	9.808	2.0426	13.9545	2.04894
14600	0.2820	2.3209	5.3087	1.2414	9.845	2.0451	13.9435	2.05189
14700	0.2965	2.3389	5.3114	1.2405	9.881	2.0476	13.9333	2.05486
14800	0.3109	2.3568	5.3140	1.2403	9.920	2.0501	13.9234	2.05783

S/R= 49.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14900	0.3253	2.3747	5.3166	1.2398	9.958	2.0526	13.9139	2.06084
15000	0.3396	2.3924	5.3193	1.2393	9.995	2.0551	13.9047	2.06384

S/R= 50.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2100	-6.8547	-5.9065	4.2501	1.1066	2.648	1.1537	8.4699	1.15368
2200	-6.5971	-5.6215	4.2884	1.1150	2.743	1.1731	8.8313	1.17311
2300	-6.4013	-5.4009	4.3175	1.1396	2.853	1.1878	9.0327	1.18779
2400	-6.2625	-5.2401	4.3387	1.1775	2.975	1.1974	9.0881	1.19743
2500	-6.1661	-5.1241	4.3541	1.2261	3.105	1.2030	9.0390	1.20296
2600	-6.0952	-5.0350	4.3660	1.2716	3.229	1.2059	8.9334	1.20591
2700	-6.0370	-4.9599	4.3762	1.2992	3.328	1.2075	8.8069	1.20752
2800	-5.9845	-4.8912	4.3857	1.3064	3.400	1.2085	8.6806	1.20855
2900	-5.9335	-4.8247	4.3950	1.2970	3.449	1.2094	8.5632	1.20942
3000	-5.8813	-4.7574	4.4046	1.2759	3.481	1.2104	8.4618	1.21042
3100	-5.8255	-4.6869	4.4147	1.2484	3.502	1.2118	8.3827	1.21175
3200	-5.7638	-4.6107	4.4258	1.2190	3.519	1.2137	8.3299	1.21365
3300	-5.6940	-4.5266	4.4381	1.1914	3.536	1.2163	8.3092	1.21634
3400	-5.6144	-4.4327	4.4519	1.1680	3.559	1.2200	8.3249	1.22002
3500	-5.5239	-4.3279	4.4672	1.1494	3.590	1.2248	8.3774	1.22483
3600	-5.4224	-4.2120	4.4841	1.1353	3.627	1.2309	8.4680	1.23088
3700	-5.3109	-4.0860	4.5023	1.1249	3.671	1.2381	8.5921	1.23815
3800	-5.1904	-3.9511	4.5217	1.1175	3.721	1.2466	8.7475	1.24659
3900	-5.0631	-3.8092	4.5418	1.1124	3.775	1.2561	8.9269	1.25610
4000	-4.9308	-3.6623	4.5623	1.1088	3.833	1.2665	9.1246	1.26654
4100	-4.7951	-3.5121	4.5830	1.1065	3.893	1.2778	9.3368	1.27778
4200	-4.6578	-3.3603	4.6036	1.1050	3.956	1.2897	9.5577	1.28969
4300	-4.5199	-3.2079	4.6240	1.1042	4.021	1.3022	9.7851	1.30216
4400	-4.3828	-3.0566	4.6440	1.1040	4.087	1.3150	10.0132	1.31505
4500	-4.2469	-2.9066	4.6636	1.1041	4.154	1.3283	10.2424	1.32831
4600	-4.1133	-2.7590	4.6826	1.1046	4.223	1.3418	10.4681	1.34183
4700	-3.9822	-2.6142	4.7011	1.1053	4.291	1.3555	10.6904	1.35554
4800	-3.8539	-2.4723	4.7190	1.1062	4.361	1.3694	10.9080	1.36942
4900	-3.7287	-2.3337	4.7363	1.1066	4.429	1.3834	11.1204	1.38340
5000	-3.6056	-2.1974	4.7532	1.1079	4.499	1.3973	11.3307	1.39734
5100	-3.4871	-2.0660	4.7694	1.1099	4.571	1.4114	11.5289	1.41136
5200	-3.3720	-1.9382	4.7850	1.1113	4.641	1.4254	11.7207	1.42538
5300	-3.2603	-1.8140	4.8000	1.1128	4.712	1.4394	11.9060	1.43938
5400	-3.1519	-1.6933	4.8146	1.1143	4.782	1.4533	12.0836	1.45332
5500	-3.0467	-1.5760	4.8287	1.1159	4.853	1.4672	12.2550	1.46722
5600	-2.9450	-1.4624	4.8423	1.1175	4.923	1.4810	12.4183	1.48097
5700	-2.8462	-1.3520	4.8554	1.1191	4.993	1.4947	12.5753	1.49465
5800	-2.7506	-1.2449	4.8681	1.1208	5.063	1.5082	12.7256	1.50823
5900	-2.6578	-1.1407	4.8804	1.1226	5.134	1.5217	12.8699	1.52171
6000	-2.5681	-1.0400	4.8923	1.1244	5.204	1.5350	13.0067	1.53501
6100	-2.4812	-0.9422	4.9038	1.1262	5.274	1.5482	13.1374	1.54816
6200	-2.3972	-0.8475	4.9150	1.1281	5.344	1.5612	13.2622	1.56115
6300	-2.3158	-0.7556	4.9258	1.1301	5.413	1.5740	13.3807	1.57399
6400	-2.2373	-0.6668	4.9363	1.1320	5.483	1.5866	13.4921	1.58659
6500	-2.1610	-0.5804	4.9464	1.1339	5.551	1.5991	13.5992	1.59906
6600	-2.0871	-0.4966	4.9563	1.1360	5.621	1.6114	13.7005	1.61137
6700	-2.0159	-0.4155	4.9658	1.1378	5.689	1.6234	13.7958	1.62342
6800	-1.9466	-0.3366	4.9751	1.1398	5.757	1.6354	13.8865	1.63534
6900	-1.8797	-0.2603	4.9841	1.1418	5.825	1.6470	13.9717	1.64702

S/R= 50.0

T	LOG(RHO)	LOG(P)	LOG(4/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7000	-1.8146	-0.1859	4.9929	1.1438	5.893	1.6586	14.0529	1.65853
7100	-1.7518	-0.1141	5.0014	1.1460	5.961	1.6699	14.1287	1.66983
7200	-1.6910	-0.0442	5.0095	1.1482	6.028	1.6810	14.1998	1.68091
7300	-1.6322	0.0233	5.0175	1.1502	6.095	1.6918	14.2658	1.69173
7400	-1.5750	0.0892	5.0254	1.1522	6.161	1.7025	14.3284	1.70240
7500	-1.5197	0.1529	5.0330	1.1545	6.228	1.7129	14.3862	1.71282
7600	-1.4662	0.2148	5.0404	1.1568	6.294	1.7231	14.4403	1.72304
7700	-1.4144	0.2747	5.0476	1.1591	6.360	1.7331	14.4898	1.73299
7800	-1.3642	0.3330	5.0545	1.1612	6.425	1.7428	14.5355	1.74274
7900	-1.3155	0.3896	5.0613	1.1634	6.490	1.7524	14.5780	1.75229
8000	-1.2682	0.4447	5.0680	1.1657	6.555	1.7617	14.6172	1.76163
8100	-1.2225	0.4980	5.0744	1.1681	6.619	1.7708	14.6522	1.77071
8200	-1.1782	0.5498	5.0807	1.1705	6.684	1.7797	14.6842	1.77959
8300	-1.1353	0.6001	5.0868	1.1728	6.747	1.7884	14.7124	1.78821
8400	-1.0937	0.6489	5.0927	1.1751	6.810	1.7968	14.7377	1.79663
8500	-1.0532	0.6965	5.0985	1.1776	6.874	1.8050	14.7604	1.80485
8600	-1.0141	0.7426	5.1042	1.1803	6.937	1.8130	14.7797	1.81281
8700	-0.9763	0.7873	5.1097	1.1828	7.000	1.8207	14.7956	1.82053
8800	-0.9396	0.8308	5.1150	1.1850	7.061	1.8283	14.8092	1.82805
8900	-0.9039	0.8731	5.1203	1.1875	7.122	1.8356	14.8205	1.83539
9000	-0.8693	0.9142	5.1254	1.1900	7.184	1.8427	14.8289	1.84247
9100	-0.8357	0.9543	5.1303	1.1926	7.245	1.8496	14.8353	1.84939
9200	-0.8031	0.9932	5.1352	1.1953	7.306	1.8563	14.8391	1.85606
9300	-0.7716	1.0309	5.1399	1.1979	7.367	1.8628	14.8401	1.86250
9400	-0.7409	1.0677	5.1445	1.2002	7.426	1.8691	14.8395	1.86878
9500	-0.7110	1.1036	5.1491	1.2025	7.484	1.8752	14.8372	1.87488
9600	-0.6820	1.1385	5.1535	1.2052	7.544	1.8811	14.8328	1.88078
9700	-0.6539	1.1724	5.1578	1.2078	7.603	1.8868	14.8264	1.88646
9800	-0.6265	1.2056	5.1620	1.2100	7.660	1.8923	14.8188	1.89201
9900	-0.5998	1.2379	5.1662	1.2127	7.719	1.8977	14.8091	1.89735
10000	-0.5740	1.2693	5.1702	1.2152	7.776	1.9028	14.7977	1.90249
10100	-0.5487	1.3000	5.1742	1.2176	7.833	1.9079	14.7855	1.90751
10200	-0.5241	1.3300	5.1780	1.2198	7.889	1.9127	14.7717	1.91235
10300	-0.5000	1.3594	5.1818	1.2217	7.943	1.9174	14.7572	1.91707
10400	-0.4766	1.3880	5.1856	1.2241	7.999	1.9220	14.7414	1.92163
10500	-0.4537	1.4160	5.1892	1.2259	8.052	1.9264	14.7244	1.92604
10600	-0.4313	1.4436	5.1928	1.2278	8.106	1.9307	14.7071	1.93035
10700	-0.4094	1.4705	5.1964	1.2301	8.160	1.9348	14.6888	1.93452
10800	-0.3880	1.4968	5.1998	1.2317	8.212	1.9388	14.6696	1.93855
10900	-0.3671	1.5226	5.2033	1.2334	8.264	1.9427	14.6502	1.94249
11000	-0.3465	1.5480	5.2066	1.2352	8.316	1.9465	14.6298	1.94632
11100	-0.3264	1.5729	5.2100	1.2366	8.367	1.9502	14.6093	1.95004
11200	-0.3066	1.5974	5.2132	1.2381	8.417	1.9538	14.5886	1.95370
11300	-0.2872	1.6214	5.2165	1.2394	8.467	1.9573	14.5672	1.95722
11400	-0.2681	1.6451	5.2196	1.2404	8.515	1.9607	14.5458	1.96070
11500	-0.2492	1.6685	5.2228	1.2414	8.563	1.9641	14.5247	1.96413
11600	-0.2307	1.6915	5.2259	1.2424	8.611	1.9674	14.5028	1.96745
11700	-0.2124	1.7142	5.2290	1.2433	8.658	1.9706	14.4813	1.97073
11800	-0.1945	1.7366	5.2320	1.2441	8.704	1.9737	14.4598	1.97395
11900	-0.1767	1.7587	5.2351	1.2449	8.751	1.9768	14.4386	1.97712
12000	-0.1592	1.7805	5.2381	1.2453	8.796	1.9798	14.4171	1.98022
12100	-0.1418	1.8021	5.2410	1.2457	8.840	1.9828	14.3961	1.98330
12200	-0.1247	1.8234	5.2440	1.2461	8.885	1.9857	14.3751	1.98634
12300	-0.1077	1.8446	5.2469	1.2465	8.929	1.9886	14.3547	1.98936
12400	-0.0910	1.8654	5.2498	1.2469	8.973	1.9914	14.3342	1.99234

S/R= 50.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12500	-0.0744	1.8862	5.2527	1.2468	9.015	1.9942	14.3143	1.99530
12600	-0.0579	1.9067	5.2555	1.2468	9.057	1.9970	14.2947	1.99824
12700	-0.0416	1.9271	5.2584	1.2469	9.100	1.9998	14.2754	2.00114
12800	-0.0254	1.9472	5.2612	1.2471	9.143	2.0025	14.2564	2.00404
12900	-0.0093	1.9673	5.2640	1.2468	9.183	2.0052	14.2380	2.00694
13000	0.0066	1.9871	5.2668	1.2465	9.224	2.0079	14.2199	2.00982
13100	0.0224	2.0069	5.2696	1.2466	9.266	2.0105	14.2022	2.01269
13200	0.0381	2.0264	5.2724	1.2462	9.306	2.0132	14.1852	2.01556
13300	0.0538	2.0459	5.2752	1.2459	9.346	2.0158	14.1684	2.01842
13400	0.0693	2.0653	5.2779	1.2457	9.386	2.0184	14.1522	2.02130
13500	0.0847	2.0844	5.2807	1.2455	9.426	2.0210	14.1362	2.02416
13600	0.1001	2.1036	5.2834	1.2449	9.465	2.0236	14.1213	2.02704
13700	0.1153	2.1226	5.2861	1.2444	9.504	2.0262	14.1062	2.02993
13800	0.1305	2.1414	5.2888	1.2442	9.544	2.0287	14.0918	2.03281
13900	0.1456	2.1603	5.2916	1.2428	9.579	2.0313	14.0780	2.03571
14000	0.1608	2.1790	5.2943	1.2430	9.620	2.0338	14.0652	2.03859
14100	0.1756	2.1975	5.2969	1.2437	9.663	2.0364	14.0517	2.04153
14200	0.1905	2.2160	5.2996	1.2424	9.699	2.0389	14.0393	2.04446
14300	0.2053	2.2345	5.3023	1.2415	9.735	2.0415	14.0272	2.04740
14400	0.2201	2.2528	5.3050	1.2409	9.773	2.0440	14.0159	2.05035
14500	0.2348	2.2711	5.3076	1.2408	9.812	2.0465	14.0048	2.05332
14600	0.2494	2.2892	5.3103	1.2401	9.850	2.0491	13.9940	2.05630
14700	0.2641	2.3073	5.3130	1.2393	9.886	2.0516	13.9843	2.05931
14800	0.2786	2.3253	5.3156	1.2390	9.925	2.0541	13.9746	2.06232
14900	0.2931	2.3433	5.3182	1.2385	9.962	2.0566	13.9654	2.06536
15000	0.3075	2.3611	5.3209	1.2381	10.000	2.0591	13.9566	2.06840

S/R= 51.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2200	-6.8441	-5.8639	4.3049	1.1459	2.796	1.1855	9.1728	1.18551
2300	-6.6838	-5.6802	4.3286	1.1650	2.896	1.1967	9.2658	1.19672
2400	-6.5765	-5.5521	4.3452	1.2167	3.031	1.2030	9.2257	1.20301
2500	-6.5009	-5.4577	4.3576	1.2689	3.163	1.2062	9.1137	1.20617
2600	-6.4408	-5.3800	4.3680	1.3026	3.271	1.2078	8.9747	1.20778
2700	-6.3874	-5.3098	4.3775	1.3127	3.347	1.2087	8.8336	1.20872
2800	-6.3359	-5.2423	4.3868	1.3044	3.399	1.2095	8.7031	1.20948
2900	-6.2835	-5.1743	4.3963	1.2830	3.432	1.2104	8.5891	1.21035
3000	-6.2274	-5.1031	4.4064	1.2536	3.452	1.2116	8.4978	1.21157
3100	-6.1650	-5.0258	4.4175	1.2216	3.466	1.2134	8.4363	1.21336
3200	-6.0938	-4.9399	4.4299	1.1915	3.482	1.2160	8.4091	1.21598
3300	-6.0115	-4.8429	4.4439	1.1659	3.503	1.2197	8.4223	1.21968
3400	-5.9166	-4.7332	4.4598	1.1460	3.532	1.2246	8.4790	1.22463
3500	-5.8090	-4.6109	4.4774	1.1311	3.570	1.2309	8.5774	1.23094
3600	-5.6896	-4.4765	4.4966	1.1205	3.615	1.2386	8.7162	1.23864
3700	-5.5602	-4.3321	4.5170	1.1130	3.665	1.2476	8.8880	1.24762
3800	-5.4229	-4.1796	4.5383	1.1078	3.721	1.2578	9.0887	1.25779
3900	-5.2800	-4.0216	4.5600	1.1045	3.781	1.2690	9.3094	1.26896
4000	-5.1337	-3.8602	4.5818	1.1023	3.843	1.2810	9.5443	1.28099
4100	-4.9856	-3.6971	4.6035	1.1010	3.908	1.2937	9.7890	1.29373
4200	-4.8373	-3.5339	4.6249	1.1004	3.974	1.3070	10.0386	1.30703
4300	-4.6898	-3.3717	4.6459	1.1003	4.042	1.3208	10.2907	1.32082
4400	-4.5445	-3.2117	4.6663	1.1006	4.112	1.3349	10.5401	1.33493
4500	-4.4013	-3.0541	4.6861	1.1011	4.181	1.3493	10.7878	1.34934
4600	-4.2614	-2.9000	4.7053	1.1020	4.252	1.3639	11.0291	1.36392



S/R= 51.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4700	-4.1248	-2.7494	4.7238	1.1030	4.323	1.3786	11.2648	1.37864
4800	-3.9917	-2.6025	4.7417	1.1042	4.395	1.3935	11.4942	1.39346
4900	-3.8622	-2.4595	4.7590	1.1049	4.465	1.4083	11.7162	1.40832
5000	-3.7355	-2.3195	4.7758	1.1063	4.537	1.4231	11.9344	1.42311
5100	-3.6139	-2.1847	4.7918	1.1084	4.610	1.4379	12.1400	1.43791
5200	-3.4960	-2.0540	4.8072	1.1100	4.683	1.4527	12.3372	1.45268
5300	-3.3819	-1.9272	4.8221	1.1116	4.755	1.4674	12.5273	1.46740
5400	-3.2714	-1.8043	4.8365	1.1132	4.827	1.4820	12.7086	1.48200
5500	-3.1644	-1.6851	4.8504	1.1150	4.899	1.4965	12.8830	1.49654
5600	-3.0612	-1.5699	4.8637	1.1167	4.971	1.5109	13.0482	1.51089
5700	-2.9611	-1.4580	4.8767	1.1185	5.042	1.5251	13.2067	1.52514
5800	-2.8643	-1.3498	4.8892	1.1202	5.114	1.5393	13.3577	1.53926
5900	-2.7706	-1.2446	4.9013	1.1221	5.186	1.5533	13.5022	1.55324
6000	-2.6802	-1.1431	4.9129	1.1241	5.257	1.5670	13.6385	1.56702
6100	-2.5927	-1.0447	4.9242	1.1260	5.328	1.5806	13.7684	1.58061
6200	-2.5083	-0.9495	4.9351	1.1280	5.399	1.5940	13.8915	1.59402
6300	-2.4266	-0.8573	4.9457	1.1301	5.470	1.6073	14.0083	1.60725
6400	-2.3479	-0.7683	4.9559	1.1321	5.541	1.6202	14.1172	1.62019
6500	-2.2717	-0.6819	4.9659	1.1341	5.611	1.6330	14.2214	1.63299
6600	-2.1979	-0.5982	4.9755	1.1363	5.681	1.6456	14.3195	1.64558
6700	-2.1268	-0.5174	4.9848	1.1383	5.750	1.6579	14.4110	1.65790
6800	-2.0578	-0.4388	4.9938	1.1404	5.819	1.6701	14.4978	1.67004
6900	-1.9914	-0.3629	5.0026	1.1426	5.889	1.6819	14.5785	1.68192
7000	-1.9269	-0.2891	5.0111	1.1448	5.957	1.6936	14.6547	1.69361
7100	-1.8647	-0.2178	5.0193	1.1471	6.026	1.7051	14.7253	1.70504
7200	-1.8046	-0.1488	5.0273	1.1495	6.095	1.7163	14.7910	1.71621
7300	-1.7466	-0.0821	5.0351	1.1517	6.162	1.7272	14.8510	1.72712
7400	-1.6902	-0.0171	5.0426	1.1538	6.229	1.7379	14.9075	1.73783
7500	-1.6359	0.0456	5.0500	1.1563	6.297	1.7483	14.9588	1.74826
7600	-1.5834	0.1064	5.0571	1.1589	6.364	1.7585	15.0060	1.75844
7700	-1.5327	0.1652	5.0640	1.1613	6.430	1.7684	15.0482	1.76834
7800	-1.4836	0.2222	5.0707	1.1636	6.496	1.7781	15.0866	1.77800
7900	-1.4362	0.2776	5.0772	1.1661	6.562	1.7875	15.1213	1.78742
8000	-1.3902	0.3312	5.0836	1.1687	6.628	1.7967	15.1525	1.79661
8100	-1.3458	0.3831	5.0897	1.1713	6.693	1.8056	15.1792	1.80552
8200	-1.3029	0.4335	5.0957	1.1740	6.758	1.8143	15.2026	1.81417
8300	-1.2615	0.4821	5.1016	1.1766	6.823	1.8226	15.2220	1.82254
8400	-1.2214	0.5294	5.1072	1.1791	6.886	1.8308	15.2385	1.83068
8500	-1.1825	0.5753	5.1128	1.1819	6.950	1.8387	15.2521	1.83860
8600	-1.1449	0.6197	5.1181	1.1849	7.014	1.8464	15.2620	1.84623
8700	-1.1087	0.6627	5.1233	1.1877	7.077	1.8537	15.2684	1.85359
8800	-1.0736	0.7044	5.1284	1.1902	7.139	1.8609	15.2724	1.86072
8900	-1.0396	0.7450	5.1333	1.1929	7.201	1.8678	15.2742	1.86765
9000	-1.0066	0.7843	5.1382	1.1957	7.263	1.8745	15.2729	1.87432
9100	-0.9747	0.8226	5.1429	1.1986	7.325	1.8809	15.2695	1.88078
9200	-0.9438	0.8596	5.1474	1.2017	7.386	1.8871	15.2634	1.88698
9300	-0.9140	0.8955	5.1519	1.2043	7.446	1.8931	15.2547	1.89295
9400	-0.8849	0.9303	5.1562	1.2067	7.505	1.8989	15.2445	1.89873
9500	-0.8567	0.9647	5.1605	1.2093	7.564	1.9045	15.2327	1.90433
9600	-0.8293	0.9979	5.1647	1.2121	7.623	1.9099	15.2190	1.90972
9700	-0.8027	1.0301	5.1687	1.2148	7.682	1.9150	15.2032	1.91491
9800	-0.7768	1.0615	5.1727	1.2173	7.739	1.9201	15.1864	1.91992
9900	-0.7517	1.0922	5.1765	1.2200	7.797	1.9249	15.1677	1.92474
10000	-0.7273	1.1220	5.1803	1.2224	7.853	1.9295	15.1477	1.92937
10100	-0.7034	1.1512	5.1841	1.2246	7.909	1.9340	15.1270	1.93387

S/R= 51.0

T	LOG(RHO)	LJG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	4/RT	Z*
10200	-0.6802	1.1797	5.1877	1.2266	7.963	1.9383	15.1052	1.93822
10300	-0.6574	1.2077	5.1913	1.2282	8.016	1.9425	15.0828	1.94245
10400	-0.6352	1.2350	5.1948	1.2304	8.071	1.9466	15.0596	1.94653
10500	-0.6135	1.2617	5.1983	1.2325	8.124	1.9505	15.0355	1.95048
10600	-0.5922	1.2880	5.2017	1.2340	8.176	1.9543	15.0112	1.95434
10700	-0.5713	1.3137	5.2051	1.2358	8.228	1.9580	14.9862	1.95806
10800	-0.5509	1.3390	5.2084	1.2371	8.278	1.9615	14.9610	1.96167
10900	-0.5308	1.3639	5.2117	1.2381	8.328	1.9650	14.9357	1.96522
11000	-0.5111	1.3883	5.2149	1.2395	8.378	1.9684	14.9101	1.96868
11100	-0.4916	1.4124	5.2181	1.2405	8.426	1.9717	14.8846	1.97205
11200	-0.4725	1.4362	5.2212	1.2413	8.474	1.9750	14.8592	1.97538
11300	-0.4537	1.4595	5.2243	1.2421	8.521	1.9782	14.8335	1.97861
11400	-0.4351	1.4826	5.2274	1.2426	8.567	1.9813	14.8082	1.98179
11500	-0.4167	1.5055	5.2305	1.2433	8.613	1.9843	14.7834	1.98496
11600	-0.3986	1.5280	5.2335	1.2438	8.659	1.9873	14.7584	1.98804
11700	-0.3807	1.5503	5.2365	1.2441	8.704	1.9903	14.7339	1.99110
11800	-0.3629	1.5723	5.2395	1.2444	8.748	1.9932	14.7098	1.99412
11900	-0.3454	1.5942	5.2425	1.2445	8.792	1.9961	14.6863	1.99713
12000	-0.3280	1.6158	5.2454	1.2445	8.835	1.9989	14.6630	2.00009
12100	-0.3107	1.6373	5.2483	1.2442	8.877	2.0017	14.6402	2.00304
12200	-0.2936	1.6586	5.2512	1.2442	8.920	2.0045	14.6178	2.00598
12300	-0.2766	1.6797	5.2541	1.2444	8.963	2.0072	14.5962	2.00892
12400	-0.2598	1.7006	5.2570	1.2441	9.005	2.0100	14.5749	2.01184
12500	-0.2431	1.7214	5.2599	1.2435	9.045	2.0127	14.5543	2.01476
12600	-0.2265	1.7421	5.2628	1.2434	9.087	2.0154	14.5341	2.01766
12700	-0.2100	1.7626	5.2656	1.2432	9.128	2.0181	14.5145	2.02057
12800	-0.1936	1.7830	5.2684	1.2427	9.168	2.0208	14.4955	2.02348
12900	-0.1773	1.8033	5.2713	1.2423	9.209	2.0235	14.4773	2.02640
13000	-0.1611	1.8234	5.2741	1.2419	9.249	2.0262	14.4596	2.02934
13100	-0.1449	1.8435	5.2769	1.2414	9.289	2.0289	14.4424	2.03227
13200	-0.1289	1.8634	5.2797	1.2408	9.328	2.0315	14.4259	2.03521
13300	-0.1129	1.8832	5.2825	1.2402	9.367	2.0342	14.4098	2.03817
13400	-0.0970	1.9030	5.2853	1.2400	9.408	2.0369	14.3944	2.04114
13500	-0.0811	1.9226	5.2881	1.2396	9.447	2.0395	14.3795	2.04413
13600	-0.0654	1.9421	5.2909	1.2389	9.486	2.0422	14.3653	2.04713
13700	-0.0497	1.9616	5.2936	1.2384	9.525	2.0448	14.3515	2.05015
13800	-0.0340	1.9809	5.2964	1.2380	9.564	2.0475	14.3385	2.05318
13900	-0.0184	2.0002	5.2991	1.2362	9.598	2.0502	14.3260	2.05623
14000	-0.0028	2.0195	5.3019	1.2366	9.640	2.0528	14.3145	2.05927
14100	0.0125	2.0385	5.3046	1.2373	9.684	2.0555	14.3027	2.06239
14200	0.0279	2.0575	5.3074	1.2358	9.718	2.0582	14.2916	2.06551
14300	0.0433	2.0765	5.3101	1.2353	9.757	2.0609	14.2812	2.06864
14400	0.0586	2.0954	5.3128	1.2345	9.794	2.0635	14.2713	2.07179
14500	0.0738	2.1142	5.3156	1.2343	9.834	2.0662	14.2621	2.07497
14600	0.0889	2.1329	5.3183	1.2337	9.872	2.0689	14.2532	2.07815
14700	0.1041	2.1515	5.3210	1.2327	9.908	2.0716	14.2447	2.08137
14800	0.1191	2.1701	5.3237	1.2326	9.947	2.0742	14.2367	2.08460
14900	0.1341	2.1886	5.3264	1.2323	9.986	2.0769	14.2293	2.08786
15000	0.1491	2.2070	5.3291	1.2317	10.024	2.0796	14.2222	2.09114

S/R= 52.0

T	LOG(RHO)	LJG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	4/RT	Z*
2300	-6.9927	-5.9870	4.3357	1.2390	2.994	1.2026	9.4183	1.20260
2400	-6.9098	-5.8844	4.3489	1.2614	3.090	1.2062	9.3041	1.20623

S/R= 52.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2500	-6.8468	-5.8030	4.3595	1.3031	3.208	1.2079	9.1539	1.20792
2600	-6.7921	-5.7309	4.3691	1.3183	3.292	1.2088	8.9985	1.20883
2700	-6.7400	-5.6622	4.3784	1.3124	3.348	1.2095	8.8524	1.20949
2800	-6.6874	-5.5935	4.3879	1.2917	3.383	1.2102	8.7246	1.21024
2900	-6.6314	-5.5219	4.3979	1.2612	3.404	1.2113	8.6201	1.21130
3000	-6.5690	-5.4442	4.4089	1.2267	3.417	1.2129	8.5457	1.21294
3100	-6.4971	-5.3572	4.4213	1.1936	3.429	1.2154	8.5098	1.21543
3200	-6.4130	-5.2579	4.4355	1.1656	3.448	1.2191	8.5175	1.21905
3300	-6.3146	-5.1444	4.4517	1.1438	3.476	1.2241	8.5739	1.22405
3400	-6.2015	-5.0160	4.4700	1.1279	3.513	1.2306	8.6798	1.23056
3500	-6.0747	-4.8738	4.4900	1.1167	3.558	1.2386	8.8299	1.23860
3600	-5.9362	-4.7198	4.5115	1.1091	3.610	1.2481	9.0197	1.24808
3700	-5.7889	-4.5569	4.5338	1.1039	3.667	1.2588	9.2394	1.25883
3800	-5.6352	-4.3875	4.5568	1.1005	3.728	1.2707	9.4837	1.27071
3900	-5.4777	-4.2144	4.5798	1.0985	3.792	1.2835	9.7430	1.28351
4000	-5.3186	-4.0397	4.6026	1.0974	3.858	1.2971	10.0114	1.29705
4100	-5.1594	-3.8651	4.6250	1.0969	3.927	1.3112	10.2854	1.31120
4200	-5.0015	-3.6919	4.6469	1.0968	3.996	1.3258	10.5597	1.32582
4300	-4.8457	-3.5210	4.6682	1.0973	4.067	1.3408	10.8332	1.34081
4400	-4.6931	-3.3536	4.6888	1.0980	4.139	1.3561	11.1005	1.35605
4500	-4.5438	-3.1895	4.7087	1.0989	4.211	1.3715	11.3637	1.37152
4600	-4.3985	-3.0297	4.7279	1.1000	4.284	1.3871	11.6184	1.38709
4700	-4.2572	-2.8743	4.7464	1.1013	4.357	1.4027	11.8648	1.40274
4800	-4.1201	-2.7232	4.7641	1.1026	4.431	1.4184	12.1032	1.41843
4900	-3.9871	-2.5765	4.7813	1.1035	4.503	1.4341	12.3334	1.43411
5000	-3.8575	-2.4334	4.7979	1.1051	4.577	1.4497	12.5577	1.44968
5100	-3.7332	-2.2959	4.8137	1.1073	4.652	1.4652	12.7682	1.46521
5200	-3.6132	-2.1629	4.8289	1.1090	4.725	1.4807	12.9699	1.48067
5300	-3.4971	-2.0340	4.8436	1.1108	4.799	1.4960	13.1628	1.49604
5400	-3.3850	-1.9094	4.8578	1.1125	4.873	1.5113	13.3466	1.51126
5500	-3.2766	-1.7887	4.8714	1.1144	4.946	1.5264	13.5223	1.52638
5600	-3.1722	-1.6723	4.8845	1.1162	5.019	1.5413	13.6884	1.54128
5700	-3.0712	-1.5595	4.8972	1.1180	5.092	1.5560	13.8468	1.55604
5800	-2.9738	-1.4504	4.9095	1.1199	5.165	1.5706	13.9973	1.57063
5900	-2.8794	-1.3447	4.9213	1.1219	5.238	1.5851	14.1406	1.58506
6000	-2.7886	-1.2427	4.9327	1.1240	5.311	1.5992	14.2753	1.59925
6100	-2.7010	-1.1441	4.9438	1.1261	5.383	1.6132	14.4028	1.61323
6200	-2.6165	-1.0488	4.9545	1.1282	5.455	1.6270	14.5233	1.62699
6300	-2.5349	-0.9567	4.9648	1.1304	5.527	1.6405	14.6367	1.64053
6400	-2.4564	-0.8679	4.9747	1.1325	5.599	1.6538	14.7429	1.65375
6500	-2.3804	-0.7818	4.9844	1.1346	5.670	1.6668	14.8420	1.66679
6600	-2.3071	-0.6985	4.9938	1.1370	5.741	1.6796	14.9355	1.67961
6700	-2.2366	-0.6182	5.0028	1.1392	5.811	1.6921	15.0219	1.69210
6800	-2.1683	-0.5403	5.0115	1.1414	5.882	1.7044	15.1032	1.70439
6900	-2.1026	-0.4652	5.0201	1.1438	5.952	1.7164	15.1780	1.71638
7000	-2.0389	-0.3923	5.0283	1.1462	6.021	1.7282	15.2480	1.72814
7100	-1.9777	-0.3221	5.0363	1.1487	6.091	1.7396	15.3119	1.73960
7200	-1.9186	-0.2541	5.0440	1.1513	6.160	1.7508	15.3704	1.75079
7300	-1.8617	-0.1886	5.0515	1.1537	6.229	1.7617	15.4229	1.76165
7400	-1.8066	-0.1250	5.0588	1.1560	6.297	1.7723	15.4716	1.77228
7500	-1.7536	-0.0636	5.0658	1.1588	6.365	1.7826	15.5147	1.78260
7600	-1.7024	-0.0043	5.0726	1.1616	6.433	1.7927	15.5532	1.79265
7700	-1.6533	0.0529	5.0792	1.1644	6.501	1.8024	15.5866	1.80236
7800	-1.6057	0.1083	5.0857	1.1670	6.567	1.8118	15.6157	1.81179
7900	-1.5599	0.1619	5.0919	1.1697	6.633	1.8210	15.6409	1.82096

S/R= 52.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8000	-1.5155	0.2138	5.0979	1.1726	6.700	1.8299	15.6622	1.82986
8100	-1.4729	0.2639	5.1038	1.1755	6.766	1.8385	15.6789	1.83843
8200	-1.4318	0.3123	5.1095	1.1786	6.832	1.8468	15.6921	1.84672
8300	-1.3921	0.3591	5.1150	1.1816	6.897	1.8548	15.7010	1.85471
8400	-1.3539	0.4044	5.1204	1.1843	6.961	1.8625	15.7068	1.86242
8500	-1.3169	0.4482	5.1256	1.1874	7.025	1.8699	15.7193	1.86988
8600	-1.2812	0.4906	5.1306	1.1909	7.090	1.8771	15.7383	1.87703
8700	-1.2469	0.5315	5.1355	1.1939	7.153	1.8840	15.7539	1.88389
8800	-1.2137	0.5712	5.1403	1.1966	7.215	1.8906	15.6970	1.89052
8900	-1.1816	0.5097	5.1450	1.1998	7.278	1.8970	15.6877	1.89690
9000	-1.1506	0.6470	5.1495	1.2030	7.340	1.9031	15.6754	1.90300
9100	-1.1205	0.6832	5.1539	1.2060	7.401	1.9089	15.6610	1.90989
9200	-1.0915	0.7182	5.1581	1.2092	7.463	1.9146	15.6442	1.91451
9300	-1.0634	0.7522	5.1623	1.2119	7.522	1.9199	15.6252	1.91990
9400	-1.0362	0.7853	5.1664	1.2144	7.581	1.9251	15.6048	1.92511
9500	-1.0096	0.8175	5.1704	1.2174	7.640	1.9302	15.5829	1.93013
9600	-0.9839	0.8489	5.1743	1.2203	7.699	1.9349	15.5593	1.93493
9700	-0.9590	0.8793	5.1781	1.2227	7.756	1.9395	15.5342	1.93953
9800	-0.9347	0.9091	5.1818	1.2249	7.812	1.9439	15.5080	1.94397
9900	-0.9110	0.9381	5.1854	1.2273	7.868	1.9482	15.4809	1.94825
10000	-0.8879	0.9665	5.1890	1.2294	7.922	1.9523	15.4527	1.95236
10100	-0.8653	0.9943	5.1925	1.2313	7.976	1.9562	15.4242	1.95635
10200	-0.8432	1.0215	5.1960	1.2329	8.029	1.9601	15.3950	1.96020
10300	-0.8216	1.0482	5.1994	1.2343	8.080	1.9638	15.3655	1.96396
10400	-0.8004	1.0744	5.2027	1.2361	8.132	1.9674	15.3357	1.96759
10500	-0.7796	1.1001	5.2060	1.2374	8.183	1.9708	15.3056	1.97111
10600	-0.7592	1.1254	5.2093	1.2386	8.233	1.9742	15.2757	1.97456
10700	-0.7391	1.1503	5.2125	1.2395	8.282	1.9775	15.2457	1.97792
10800	-0.7193	1.1748	5.2157	1.2402	8.329	1.9807	15.2157	1.98120
10900	-0.6998	1.1990	5.2189	1.2407	8.376	1.9839	15.1863	1.98444
11000	-0.6805	1.2230	5.2220	1.2413	8.423	1.9870	15.1571	1.98763
11100	-0.6615	1.2466	5.2251	1.2417	8.469	1.9901	15.1281	1.99075
11200	-0.6426	1.2699	5.2282	1.2420	8.514	1.9931	15.0998	1.99384
11300	-0.6241	1.2930	5.2312	1.2420	8.559	1.9960	15.0716	1.99688
11400	-0.6057	1.3159	5.2343	1.2418	8.602	1.9989	15.0441	1.99990
11500	-0.5874	1.3386	5.2373	1.2421	8.647	2.0018	15.0175	2.00290
11600	-0.5693	1.3610	5.2403	1.2420	8.690	2.0046	14.9912	2.00588
11700	-0.5513	1.3834	5.2433	1.2416	8.733	2.0075	14.9656	2.00884
11800	-0.5335	1.4055	5.2463	1.2413	8.775	2.0103	14.9407	2.01181
11900	-0.5158	1.4275	5.2492	1.2409	8.817	2.0131	14.9166	2.01477
12000	-0.4982	1.4493	5.2522	1.2406	8.859	2.0159	14.8931	2.01772
12100	-0.4807	1.4710	5.2551	1.2400	8.900	2.0187	14.8704	2.02067
12200	-0.4633	1.4925	5.2580	1.2394	8.940	2.0215	14.8483	2.02364
12300	-0.4460	1.5140	5.2610	1.2393	8.983	2.0242	14.8272	2.02661
12400	-0.4288	1.5353	5.2639	1.2387	9.023	2.0270	14.8064	2.02958
12500	-0.4117	1.5565	5.2668	1.2380	9.063	2.0298	14.7866	2.03258
12600	-0.3946	1.5776	5.2697	1.2375	9.104	2.0325	14.7676	2.03558
12700	-0.3777	1.5986	5.2726	1.2370	9.144	2.0353	14.7494	2.03861
12800	-0.3608	1.6195	5.2755	1.2364	9.184	2.0381	14.7317	2.04164
12900	-0.3439	1.6403	5.2783	1.2357	9.223	2.0409	14.7149	2.04470
13000	-0.3272	1.6611	5.2812	1.2351	9.263	2.0437	14.6988	2.04779
13100	-0.3105	1.6817	5.2841	1.2347	9.304	2.0465	14.6833	2.05089
13200	-0.2938	1.7022	5.2870	1.2342	9.344	2.0493	14.6685	2.05401
13300	-0.2773	1.7226	5.2898	1.2334	9.382	2.0521	14.6544	2.05715
13400	-0.2607	1.7430	5.2927	1.2329	9.422	2.0549	14.6410	2.06032

S/R= 52.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13500	-3.2443	1.7633	5.2955	1.2322	9.461	2.0577	14.6281	2.06351
13600	-3.2279	1.7835	5.2984	1.2318	9.501	2.0606	14.6159	2.06673
13700	-0.2116	1.8036	5.3012	1.2314	9.541	2.0634	14.6043	2.06996
13800	-0.1953	1.8236	5.3040	1.2308	9.580	2.0663	14.5934	2.07322
13900	-0.1791	1.8436	5.3069	1.2289	9.614	2.0691	14.5831	2.07652
14000	-0.1628	1.8636	5.3097	1.2293	9.657	2.0720	14.5741	2.07982
14100	-3.1468	1.8832	5.3125	1.2304	9.702	2.0749	14.5642	2.08318
14200	-0.1308	1.9029	5.3153	1.2287	9.737	2.0778	14.5555	2.08655
14300	-0.1148	1.9226	5.3181	1.2282	9.776	2.0807	14.5474	2.08995
14400	-0.0989	1.9421	5.3209	1.2277	9.814	2.0836	14.5398	2.09336
14500	-0.0830	1.9616	5.3237	1.2275	9.854	2.0864	14.5328	2.09680
14600	-0.0672	1.9810	5.3265	1.2269	9.893	2.0893	14.5260	2.10026
14700	-3.0515	2.0003	5.3293	1.2261	9.930	2.0922	14.5203	2.10375
14800	-0.0358	2.0195	5.3321	1.2259	9.970	2.0952	14.5142	2.10725
14900	-0.0202	2.0387	5.3348	1.2258	10.010	2.0981	14.5089	2.11079
15000	-0.0046	2.0578	5.3375	1.2257	10.050	2.1010	14.5040	2.11434

S/R= 53.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2900	-6.9754	-5.8655	4.4000	1.2169	3.345	1.2124	8.5513	1.21243
3000	-6.9038	-5.7783	4.4122	1.1981	3.379	1.2147	8.6119	1.21473
3100	-6.8188	-5.6779	4.4264	1.1671	3.395	1.2182	8.6113	1.21821
3200	-6.7181	-5.5616	4.4429	1.1431	3.421	1.2231	8.6539	1.22315
3300	-6.6005	-5.4283	4.4516	1.1257	3.456	1.2297	8.7722	1.22974
3400	-6.4668	-5.2788	4.4825	1.1137	3.501	1.2380	8.9333	1.23802
3500	-6.3197	-5.1156	4.5049	1.1057	3.554	1.2479	9.1379	1.24791
3600	-6.1622	-4.9419	4.5284	1.1004	3.612	1.2592	9.3787	1.25922
3700	-5.9976	-4.7612	4.5525	1.0970	3.674	1.2717	9.6444	1.27173
3800	-5.8286	-4.5760	4.5767	1.0950	3.740	1.2853	9.9291	1.28527
3900	-5.6580	-4.3892	4.6005	1.0940	3.808	1.2996	10.2231	1.29960
4000	-5.4875	-4.2028	4.6241	1.0936	3.878	1.3146	10.5212	1.31455
4100	-5.3185	-4.0180	4.6470	1.0937	3.949	1.3300	10.8203	1.33002
4200	-5.1523	-3.8362	4.6692	1.0941	4.022	1.3458	11.1159	1.34585
4300	-4.9893	-3.6578	4.6907	1.0949	4.095	1.3620	11.4076	1.36197
4400	-4.8306	-3.4840	4.7113	1.0959	4.169	1.3783	11.6901	1.37825
4500	-4.6760	-3.3145	4.7312	1.0971	4.243	1.3947	11.9658	1.39470
4600	-4.5262	-3.1500	4.7502	1.0985	4.318	1.4112	12.2308	1.41118
4700	-4.3810	-2.9905	4.7685	1.0999	4.393	1.4277	12.4864	1.42769
4800	-4.2406	-2.8358	4.7861	1.1014	4.468	1.4442	12.7321	1.44418
4900	-4.1048	-2.6862	4.8031	1.1025	4.542	1.4606	12.9678	1.46062
5000	-3.9727	-2.5405	4.8194	1.1042	4.618	1.4769	13.1968	1.47691
5100	-3.8464	-2.4009	4.8350	1.1065	4.694	1.4931	13.4109	1.49312
5200	-3.7246	-2.2660	4.8500	1.1083	4.769	1.5092	13.6148	1.50920
5300	-3.6070	-2.1355	4.8645	1.1102	4.844	1.5252	13.8098	1.52517
5400	-3.4937	-2.0097	4.8783	1.1120	4.919	1.5410	13.9942	1.54095
5500	-3.3844	-1.8880	4.8917	1.1140	4.994	1.5566	14.1701	1.55650
5600	-3.2793	-1.7708	4.9046	1.1159	5.068	1.5720	14.3354	1.57198
5700	-3.1777	-1.6573	4.9170	1.1179	5.143	1.5872	14.4928	1.58720
5800	-3.0799	-1.5479	4.9290	1.1199	5.217	1.6022	14.6413	1.60221
5900	-2.9853	-1.4419	4.9405	1.1220	5.291	1.6170	14.7823	1.61702
6000	-2.8945	-1.3399	4.9517	1.1242	5.364	1.6316	14.9138	1.63156
6100	-2.8070	-1.2414	4.9625	1.1264	5.438	1.6459	15.0379	1.64584
6200	-2.7227	-1.1464	4.9729	1.1287	5.511	1.6599	15.1541	1.65989
6300	-2.6415	-1.0547	4.9830	1.1310	5.584	1.6737	15.2530	1.67366

S/R= 53.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6400	-2.5636	-0.9664	4.9927	1.1333	5.657	1.6871	15.3633	1.68708
6500	-2.4883	-0.8810	5.0021	1.1356	5.729	1.7003	15.4574	1.70030
6600	-2.4157	-0.7985	5.0111	1.1381	5.801	1.7132	15.5448	1.71323
6700	-2.3461	-0.7192	5.0199	1.1404	5.872	1.7258	15.6245	1.72581
6800	-2.2788	-0.6423	5.0284	1.1429	5.943	1.7382	15.6988	1.73815
6900	-2.2142	-0.5685	5.0366	1.1455	6.014	1.7501	15.7661	1.75014
7000	-2.1518	-0.4969	5.0445	1.1480	6.085	1.7619	15.8281	1.76187
7100	-2.0919	-0.4280	5.0522	1.1509	6.156	1.7733	15.8834	1.77325
7200	-2.0343	-0.3516	5.0596	1.1538	6.226	1.7843	15.9331	1.78432
7300	-1.9790	-0.2977	5.0668	1.1563	6.295	1.7950	15.9763	1.79502
7400	-1.9255	-0.2358	5.0738	1.1591	6.364	1.8055	16.0152	1.80545
7500	-1.8742	-0.1763	5.0805	1.1622	6.433	1.8155	16.0481	1.81552
7600	-1.8248	-0.1188	5.0870	1.1653	6.502	1.8253	16.0761	1.82527
7700	-1.7775	-0.0635	5.0933	1.1684	6.570	1.8347	16.0987	1.83465
7800	-1.7319	-0.0102	5.0994	1.1714	6.637	1.8437	16.1166	1.84373
7900	-1.6880	0.0412	5.1053	1.1745	6.704	1.8525	16.1302	1.85248
8000	-1.6458	0.0909	5.1110	1.1778	6.772	1.8610	16.1398	1.86092
8100	-1.6052	0.1387	5.1165	1.1812	6.838	1.8690	16.1447	1.86901
8200	-1.5662	0.1849	5.1219	1.1845	6.904	1.8768	16.1457	1.87679
8300	-1.5287	0.2293	5.1270	1.1880	6.970	1.8843	16.1423	1.88423
8400	-1.4927	0.2723	5.1321	1.1912	7.035	1.8914	16.1356	1.89136
8500	-1.4578	0.3138	5.1369	1.1945	7.099	1.8983	16.1259	1.89822
8600	-1.4244	0.3538	5.1417	1.1983	7.165	1.9048	16.1127	1.90477
8700	-1.3922	0.3924	5.1462	1.2018	7.228	1.9110	16.0961	1.91100
8800	-1.3612	0.4298	5.1507	1.2050	7.291	1.9170	16.0770	1.91697
8900	-1.3311	0.4660	5.1550	1.2082	7.353	1.9227	16.0555	1.92269
9000	-1.3022	0.5010	5.1592	1.2113	7.414	1.9281	16.0317	1.92814
9100	-1.2741	0.5351	5.1633	1.2145	7.475	1.9334	16.0060	1.93337
9200	-1.2470	0.5681	5.1673	1.2176	7.535	1.9383	15.9782	1.93836
9300	-1.2207	0.6001	5.1712	1.2204	7.594	1.9431	15.9487	1.94312
9400	-1.1952	0.6313	5.1750	1.2228	7.651	1.9476	15.9179	1.94769
9500	-1.1704	0.6617	5.1787	1.2256	7.709	1.9520	15.8863	1.95208
9600	-1.1462	0.6913	5.1824	1.2282	7.766	1.9562	15.8534	1.95628
9700	-1.1227	0.7202	5.1860	1.2302	7.821	1.9602	15.8197	1.96033
9800	-1.0997	0.7485	5.1895	1.2319	7.874	1.9641	15.7853	1.96424
9900	-1.0772	0.7762	5.1929	1.2338	7.928	1.9678	15.7508	1.96801
10000	-1.0553	0.8034	5.1963	1.2351	7.980	1.9714	15.7158	1.97164
10100	-1.0336	0.8301	5.1997	1.2363	8.030	1.9749	15.6809	1.97518
10200	-1.0125	0.8563	5.2030	1.2376	8.081	1.9783	15.6458	1.97863
10300	-0.9916	0.8821	5.2053	1.2383	8.130	1.9816	15.6111	1.98199
10400	-0.9711	0.9076	5.2095	1.2391	8.178	1.9848	15.5766	1.98527
10500	-0.9508	0.9326	5.2127	1.2396	8.226	1.9880	15.5424	1.98848
10600	-0.9308	0.9574	5.2159	1.2397	8.272	1.9911	15.5089	1.99166
10700	-0.9111	0.9819	5.2190	1.2399	8.318	1.9941	15.4757	1.99478
10800	-0.8915	1.0062	5.2222	1.2401	8.363	1.9971	15.4433	1.99786
10900	-0.8721	1.0302	5.2253	1.2400	8.408	2.0001	15.4117	2.00092
11000	-0.8530	1.0540	5.2284	1.2396	8.451	2.0030	15.3808	2.00395
11100	-0.8339	1.0776	5.2315	1.2395	8.495	2.0060	15.3506	2.00696
11200	-0.8150	1.1010	5.2345	1.2393	8.539	2.0088	15.3214	2.00996
11300	-0.7963	1.1242	5.2376	1.2386	8.581	2.0117	15.2927	2.01295
11400	-0.7776	1.1473	5.2406	1.2378	8.622	2.0146	15.2651	2.01594
11500	-0.7591	1.1703	5.2436	1.2375	8.665	2.0175	15.2387	2.01895
11600	-0.7406	1.1931	5.2467	1.2369	8.707	2.0203	15.2127	2.02195
11700	-0.7223	1.2158	5.2497	1.2362	8.747	2.0232	15.1881	2.02497
11800	-0.7040	1.2384	5.2527	1.2356	8.789	2.0260	15.1642	2.02800

S/R= 53.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11900	-0.6858	1.2609	5.2557	1.2347	8.829	2.0289	15.1413	2.03105
12000	-0.6677	1.2832	5.2587	1.2341	8.870	2.0318	15.1193	2.03411
12100	-0.6496	1.3055	5.2617	1.2337	8.912	2.0347	15.0982	2.03719
12200	-0.6316	1.3277	5.2647	1.2326	8.951	2.0376	15.0778	2.04029
12300	-0.6137	1.3498	5.2677	1.2320	8.992	2.0405	15.0586	2.04343
12400	-0.5959	1.3718	5.2707	1.2316	9.033	2.0434	15.0401	2.04658
12500	-0.5781	1.3937	5.2737	1.2306	9.073	2.0463	15.0225	2.04976
12600	-0.5603	1.4155	5.2765	1.2297	9.112	2.0493	15.0058	2.05297
12700	-0.5426	1.4373	5.2796	1.2293	9.153	2.0522	14.9901	2.05622
12800	-0.5250	1.4589	5.2826	1.2287	9.194	2.0552	14.9749	2.05948
12900	-0.5074	1.4805	5.2855	1.2278	9.233	2.0582	14.9607	2.06278
13000	-0.4899	1.5020	5.2885	1.2274	9.274	2.0612	14.9472	2.06611
13100	-0.4725	1.5234	5.2915	1.2271	9.315	2.0642	14.9345	2.06946
13200	-0.4551	1.5448	5.2944	1.2264	9.355	2.0673	14.9223	2.07284
13300	-0.4377	1.5660	5.2974	1.2258	9.395	2.0703	14.9110	2.07625
13400	-0.4205	1.5872	5.3003	1.2253	9.435	2.0734	14.9003	2.07970
13500	-0.4033	1.6083	5.3032	1.2246	9.475	2.0765	14.8903	2.08317
13600	-0.3861	1.6293	5.3062	1.2239	9.514	2.0796	14.8810	2.08667
13700	-0.3690	1.6502	5.3091	1.2236	9.555	2.0827	14.8723	2.09021
13800	-0.3519	1.6711	5.3120	1.2232	9.595	2.0858	14.8643	2.09378
13900	-0.3350	1.6918	5.3149	1.2215	9.631	2.0889	14.8568	2.09737
14000	-0.3179	1.7127	5.3179	1.2224	9.676	2.0920	14.8507	2.10096
14100	-0.3012	1.7331	5.3208	1.2233	9.721	2.0952	14.8434	2.10464
14200	-0.2844	1.7536	5.3236	1.2215	9.756	2.0983	14.8375	2.10831
14300	-0.2677	1.7740	5.3265	1.2211	9.796	2.1015	14.8321	2.11202
14400	-0.2510	1.7944	5.3294	1.2209	9.837	2.1047	14.8274	2.11574
14500	-0.2345	1.8146	5.3323	1.2208	9.878	2.1078	14.8229	2.11950
14600	-0.2180	1.8347	5.3352	1.2201	9.916	2.1110	14.8189	2.12327
14700	-0.2015	1.8548	5.3380	1.2195	9.955	2.1142	14.8153	2.12707
14800	-0.1851	1.8748	5.3409	1.2195	9.997	2.1174	14.8121	2.13091
14900	-0.1688	1.8947	5.3437	1.2193	10.037	2.1205	14.8095	2.13476
15000	-0.1526	1.9145	5.3466	1.2191	10.078	2.1237	14.8072	2.13863

S/R= 54.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3300	-6.8668	-5.6921	4.4739	1.1064	3.437	1.2369	9.0230	1.23689
3400	-6.7115	-5.5202	4.4973	1.1029	3.497	1.2471	9.2426	1.24710
3500	-6.5440	-5.3361	4.5219	1.0973	3.556	1.2589	9.5016	1.25888
3600	-6.3682	-5.1436	4.5471	1.0939	3.619	1.2720	9.7912	1.27200
3700	-6.1877	-4.9464	4.5725	1.0919	3.686	1.2862	10.0991	1.28620
3800	-6.0050	-4.7470	4.5976	1.0908	3.756	1.3013	10.4198	1.30129
3900	-5.8226	-4.5481	4.6223	1.0905	3.827	1.3171	10.7445	1.31706
4000	-5.6423	-4.3514	4.6461	1.0907	3.900	1.3333	11.0683	1.33333
4100	-5.4648	-4.1579	4.6693	1.0912	3.974	1.3500	11.3889	1.35001
4200	-5.2915	-3.9686	4.6915	1.0920	4.049	1.3670	11.7023	1.36695
4300	-5.1224	-3.7839	4.7130	1.0931	4.125	1.3841	12.0089	1.38412
4400	-4.9585	-3.6047	4.7335	1.0944	4.201	1.4014	12.3040	1.40137
4500	-4.7994	-3.4305	4.7532	1.0957	4.277	1.4187	12.5903	1.41871
4600	-4.6459	-3.2621	4.7721	1.0972	4.354	1.4360	12.8636	1.43604
4700	-4.4975	-3.0992	4.7902	1.0988	4.430	1.4533	13.1257	1.45333
4800	-4.3543	-2.9417	4.8075	1.1004	4.507	1.4706	13.3769	1.47058
4900	-4.2162	-2.7896	4.8243	1.1017	4.583	1.4877	13.6170	1.48772
5000	-4.0823	-2.6420	4.8404	1.1036	4.660	1.5047	13.8486	1.50467
5100	-3.9543	-2.5006	4.8557	1.1059	4.737	1.5215	14.0646	1.52149

S/R= 54.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5200	-3.8312	-2.3643	4.8704	1.1078	4.814	1.5382	14.2698	1.53817
5300	-3.7126	-2.2328	4.8846	1.1098	4.890	1.5547	14.4647	1.55467
5400	-3.5985	-2.1061	4.8982	1.1118	4.966	1.5710	14.6489	1.57095
5500	-3.4886	-1.9838	4.9113	1.1139	5.042	1.5871	14.8235	1.58706
5600	-3.3831	-1.8661	4.9239	1.1159	5.118	1.6029	14.9870	1.60287
5700	-3.2813	-1.7525	4.9360	1.1180	5.193	1.6185	15.1415	1.61848
5800	-3.1835	-1.6430	4.9477	1.1201	5.269	1.6338	15.2869	1.63384
5900	-3.0891	-1.5372	4.9590	1.1223	5.343	1.6490	15.4239	1.64898
6000	-2.9986	-1.4355	4.9699	1.1246	5.418	1.6638	15.5511	1.66378
6100	-2.9116	-1.3375	4.9804	1.1270	5.493	1.6783	15.6700	1.67831
6200	-2.8279	-1.2431	4.9905	1.1295	5.567	1.6926	15.7808	1.69254
6300	-2.7475	-1.1522	5.0003	1.1320	5.641	1.7065	15.8833	1.70647
6400	-2.6704	-1.0649	5.0097	1.1345	5.715	1.7200	15.9768	1.72001
6500	-2.5962	-0.9806	5.0183	1.1369	5.788	1.7333	16.0638	1.73328
6600	-2.5248	-0.8993	5.0275	1.1396	5.861	1.7463	16.1434	1.74625
6700	-2.4565	-0.8213	5.0360	1.1423	5.933	1.7588	16.2147	1.75880
6800	-2.3906	-0.7460	5.0442	1.1449	6.005	1.7711	16.2800	1.77106
6900	-2.3275	-0.6737	5.0520	1.1478	6.077	1.7829	16.3377	1.78295
7000	-2.2668	-0.6039	5.0597	1.1507	6.148	1.7945	16.3899	1.79451
7100	-2.2087	-0.5369	5.0670	1.1538	6.219	1.8057	16.4348	1.80567
7200	-2.1529	-0.4724	5.0741	1.1570	6.291	1.8165	16.4734	1.81648
7300	-2.0995	-0.4106	5.0809	1.1600	6.360	1.8269	16.5053	1.82687
7400	-2.0481	-0.3509	5.0876	1.1632	6.430	1.8370	16.5323	1.83694
7500	-1.9990	-0.2937	5.0939	1.1667	6.500	1.8466	16.5530	1.84661
7600	-1.9518	-0.2386	5.1001	1.1702	6.570	1.8559	16.5684	1.85592
7700	-1.9068	-0.1858	5.1060	1.1738	6.639	1.8648	16.5777	1.86480
7800	-1.8636	-0.1350	5.1117	1.1772	6.707	1.8733	16.5826	1.87334
7900	-1.8221	-0.0861	5.1173	1.1807	6.774	1.8815	16.5829	1.88152
8000	-1.7823	-0.0390	5.1226	1.1846	6.843	1.8894	16.5787	1.88936
8100	-1.7442	0.0061	5.1279	1.1885	6.910	1.8968	16.5695	1.89679
8200	-1.7077	0.0496	5.1328	1.1922	6.977	1.9039	16.5566	1.90390
8300	-1.6727	0.0914	5.1376	1.1960	7.043	1.9107	16.5395	1.91065
8400	-1.6390	0.1317	5.1423	1.1997	7.108	1.9171	16.5194	1.91709
8500	-1.6066	0.1707	5.1468	1.2033	7.172	1.9232	16.4962	1.92324
8600	-1.5755	0.2081	5.1512	1.2074	7.237	1.9290	16.4696	1.92904
8700	-1.5457	0.2443	5.1554	1.2112	7.301	1.9345	16.4399	1.93454
8800	-1.5168	0.2792	5.1595	1.2143	7.362	1.9398	16.4085	1.93979
8900	-1.4889	0.3132	5.1636	1.2174	7.423	1.9448	16.3750	1.94480
9000	-1.4620	0.3461	5.1675	1.2204	7.483	1.9495	16.3396	1.94956
9100	-1.4358	0.3780	5.1713	1.2234	7.542	1.9540	16.3031	1.95411
9200	-1.4104	0.4091	5.1750	1.2263	7.601	1.9584	16.2648	1.95845
9300	-1.3858	0.4393	5.1787	1.2288	7.658	1.9625	16.2255	1.96258
9400	-1.3618	0.4688	5.1823	1.2309	7.714	1.9664	16.1859	1.96655
9500	-1.3383	0.4978	5.1858	1.2327	7.768	1.9702	16.1459	1.97039
9600	-1.3154	0.5260	5.1892	1.2343	7.821	1.9739	16.1054	1.97408
9700	-1.2930	0.5537	5.1926	1.2356	7.872	1.9774	16.0648	1.97764
9800	-1.2709	0.5810	5.1960	1.2367	7.923	1.9808	16.0245	1.98111
9900	-1.2493	0.6078	5.1993	1.2376	7.973	1.9842	15.9844	1.98448
10000	-1.2279	0.6342	5.2026	1.2380	8.021	1.9874	15.9446	1.98776
10100	-1.2069	0.6603	5.2059	1.2383	8.069	1.9906	15.9055	1.99098
10200	-1.1861	0.6860	5.2091	1.2385	8.116	1.9937	15.8668	1.99414
10300	-1.1656	0.7115	5.2123	1.2387	8.162	1.9967	15.8293	1.99727
10400	-1.1452	0.7367	5.2155	1.2383	8.206	1.9998	15.7925	2.00036
10500	-1.1250	0.7616	5.2187	1.2380	8.251	2.0028	15.7566	2.00342
10600	-1.1050	0.7864	5.2218	1.2373	8.294	2.0057	15.7219	2.00647



S/R= 54.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10700	-1.0851	0.8110	5.2250	1.2368	8.338	2.0087	15.6881	2.00951
10800	-1.0654	0.8354	5.2281	1.2363	8.381	2.0116	15.6554	2.01253
10900	-1.0457	0.8597	5.2312	1.2356	8.423	2.0145	15.6237	2.01557
11000	-1.0262	0.8839	5.2343	1.2347	8.465	2.0175	15.5934	2.01861
11100	-1.0067	0.9079	5.2374	1.2337	8.506	2.0204	15.5639	2.02166
11200	-0.9873	0.9318	5.2406	1.2331	8.548	2.0233	15.5359	2.02473
11300	-0.9680	0.9556	5.2437	1.2322	8.589	2.0263	15.5089	2.02781
11400	-0.9488	0.9793	5.2468	1.2312	8.630	2.0292	15.4830	2.03092
11500	-0.9296	1.0030	5.2499	1.2304	8.672	2.0322	15.4586	2.03406
11600	-0.9104	1.0265	5.2530	1.2294	8.712	2.0352	15.4349	2.03721
11700	-0.8913	1.0499	5.2561	1.2285	8.753	2.0382	15.4125	2.04041
11800	-0.8723	1.0733	5.2592	1.2279	8.795	2.0413	15.3912	2.04363
11900	-0.8533	1.0966	5.2623	1.2269	8.835	2.0443	15.3711	2.04689
12000	-0.8344	1.1198	5.2653	1.2260	8.875	2.0474	15.3518	2.05017
12100	-0.8155	1.1430	5.2684	1.2255	8.917	2.0505	15.3336	2.05349
12200	-0.7967	1.1660	5.2715	1.2245	8.957	2.0536	15.3166	2.05685
12300	-0.7779	1.1890	5.2746	1.2238	8.998	2.0568	15.3004	2.06025
12400	-0.7592	1.2120	5.2777	1.2230	9.039	2.0600	15.2852	2.06368
12500	-0.7405	1.2348	5.2808	1.2223	9.079	2.0632	15.2711	2.06714
12600	-0.7218	1.2576	5.2839	1.2217	9.120	2.0664	15.2577	2.07065
12700	-0.7033	1.2803	5.2869	1.2210	9.161	2.0696	15.2451	2.07419
12800	-0.6847	1.3029	5.2900	1.2205	9.202	2.0729	15.2335	2.07776
12900	-0.6663	1.3254	5.2931	1.2199	9.243	2.0762	15.2226	2.08138
13000	-0.6479	1.3479	5.2961	1.2195	9.285	2.0795	15.2125	2.08502
13100	-0.6295	1.3702	5.2992	1.2190	9.326	2.0828	15.2031	2.08869
13200	-0.6112	1.3925	5.3023	1.2184	9.367	2.0861	15.1944	2.09240
13300	-0.5930	1.4147	5.3053	1.2179	9.408	2.0895	15.1864	2.09615
13400	-0.5749	1.4368	5.3084	1.2175	9.449	2.0928	15.1794	2.09994
13500	-0.5568	1.4589	5.3114	1.2170	9.490	2.0962	15.1725	2.10375
13600	-0.5387	1.4808	5.3144	1.2167	9.531	2.0996	15.1668	2.10760
13700	-0.5208	1.5027	5.3175	1.2163	9.573	2.1030	15.1614	2.11148
13800	-0.5029	1.5244	5.3205	1.2158	9.613	2.1065	15.1565	2.11539
13900	-0.4851	1.5461	5.3235	1.2143	9.650	2.1099	15.1522	2.11933
14000	-0.4671	1.5678	5.3265	1.2156	9.698	2.1133	15.1493	2.12325
14100	-0.4497	1.5891	5.3295	1.2165	9.744	2.1168	15.1452	2.12729
14200	-0.4321	1.6104	5.3325	1.2146	9.779	2.1203	15.1424	2.13130
14300	-0.4146	1.6317	5.3355	1.2145	9.821	2.1237	15.1399	2.13536
14400	-0.3972	1.6529	5.3384	1.2144	9.863	2.1272	15.1380	2.13943
14500	-0.3798	1.6739	5.3414	1.2141	9.904	2.1307	15.1366	2.14353
14600	-0.3626	1.6949	5.3443	1.2138	9.945	2.1342	15.1354	2.14766
14700	-0.3454	1.7158	5.3473	1.2136	9.986	2.1377	15.1347	2.15181
14800	-0.3282	1.7365	5.3502	1.2136	10.028	2.1412	15.1344	2.15599
14900	-0.3112	1.7572	5.3532	1.2134	10.070	2.1447	15.1343	2.16019
15000	-0.2943	1.7777	5.3561	1.2132	10.111	2.1482	15.1347	2.16440

S/R= 55.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3400	-6.9354	-5.7404	4.5141	1.0925	3.495	1.2578	9.6077	1.25779
3500	-6.7485	-5.5363	4.5405	1.0911	3.563	1.2714	9.9187	1.27144
3600	-6.5558	-5.3263	4.5672	1.0890	3.631	1.2863	10.2529	1.28630
3700	-6.3610	-5.1143	4.5935	1.0879	3.702	1.3021	10.5987	1.30209
3800	-6.1662	-4.9024	4.6192	1.0876	3.775	1.3186	10.9511	1.31863
3900	-5.9737	-4.6930	4.6442	1.0879	3.850	1.3357	11.3020	1.33572
4000	-5.7847	-4.4874	4.6683	1.0884	3.925	1.3532	11.6476	1.35321

S/R= 55.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4100	-5.6001	-4.2864	4.6915	1.0893	4.002	1.3710	11.9864	1.37100
4200	-5.4206	-4.0908	4.7137	1.0904	4.078	1.3890	12.3148	1.38898
4300	-5.2464	-3.9007	4.7350	1.0917	4.156	1.4071	12.6336	1.40710
4400	-5.0782	-3.7170	4.7553	1.0931	4.234	1.4252	12.9385	1.42525
4500	-4.9154	-3.5390	4.7749	1.0946	4.312	1.4434	13.2327	1.44343
4600	-4.7587	-3.3673	4.7935	1.0963	4.390	1.4615	13.5127	1.46154
4700	-4.6078	-3.2017	4.8113	1.0980	4.468	1.4796	13.7799	1.47956
4800	-4.4624	-3.0419	4.8284	1.0997	4.547	1.4975	14.0346	1.49749
4900	-4.3225	-2.8879	4.8448	1.1012	4.624	1.5153	14.2770	1.51528
5000	-4.1871	-2.7388	4.8606	1.1032	4.702	1.5328	14.5103	1.53284
5100	-4.0580	-2.5962	4.8757	1.1056	4.781	1.5502	14.7268	1.55023
5200	-3.9340	-2.4589	4.8901	1.1076	4.859	1.5674	14.9316	1.56742
5300	-3.8147	-2.3267	4.9040	1.1096	4.936	1.5844	15.1256	1.58440
5400	-3.7002	-2.1995	4.9173	1.1117	5.014	1.6011	15.3076	1.60113
5500	-3.5900	-2.0770	4.9301	1.1139	5.091	1.6176	15.4797	1.61764
5600	-3.4845	-1.9593	4.9424	1.1161	5.168	1.6338	15.6398	1.63382
5700	-3.3830	-1.8458	4.9543	1.1183	5.244	1.6498	15.7904	1.64975
5800	-3.2855	-1.7367	4.9657	1.1206	5.320	1.6654	15.9310	1.66539
5900	-3.1917	-1.6314	4.9767	1.1229	5.396	1.6808	16.0627	1.68077
6000	-3.1018	-1.5305	4.9872	1.1254	5.472	1.6958	16.1839	1.69577
6100	-3.0156	-1.4334	4.9974	1.1280	5.548	1.7104	16.2962	1.71045
6200	-2.9330	-1.3400	5.0072	1.1306	5.623	1.7248	16.3995	1.72478
6300	-2.8537	-1.2503	5.0157	1.1333	5.698	1.7388	16.4942	1.73876
6400	-2.7780	-1.1644	5.0257	1.1360	5.772	1.7523	16.5791	1.75230
6500	-2.7052	-1.0815	5.0345	1.1387	5.846	1.7655	16.6569	1.76554
6600	-2.6354	-1.0020	5.0430	1.1417	5.920	1.7784	16.7267	1.77839
6700	-2.5688	-0.9258	5.0511	1.1447	5.993	1.7908	16.7875	1.79079
6800	-2.5048	-0.8525	5.0589	1.1477	6.066	1.8029	16.8419	1.80286
6900	-2.4437	-0.7823	5.0664	1.1509	6.139	1.8145	16.8881	1.81447
7000	-2.3851	-0.7147	5.0737	1.1542	6.211	1.8257	16.9280	1.82573
7100	-2.3292	-0.6501	5.0807	1.1577	6.283	1.8365	16.9600	1.83652
7200	-2.2758	-0.5882	5.0874	1.1614	6.355	1.8469	16.9853	1.84690
7300	-2.2249	-0.5289	5.0939	1.1649	6.426	1.8568	17.0035	1.85681
7400	-2.1760	-0.4719	5.1001	1.1686	6.496	1.8664	17.0163	1.86636
7500	-2.1295	-0.4175	5.1061	1.1726	6.567	1.8754	17.0223	1.87544
7600	-2.0851	-0.3653	5.1119	1.1766	6.638	1.8841	17.0227	1.88412
7700	-2.0428	-0.3154	5.1174	1.1807	6.707	1.8924	17.0172	1.89235
7800	-2.0023	-0.2675	5.1227	1.1848	6.777	1.9002	17.0068	1.90019
7900	-1.9636	-0.2216	5.1279	1.1889	6.845	1.9076	16.9916	1.90764
8000	-1.9266	-0.1776	5.1328	1.1932	6.913	1.9147	16.9719	1.91470
8100	-1.8913	-0.1354	5.1376	1.1976	6.981	1.9214	16.9475	1.92136
8200	-1.8574	-0.0947	5.1422	1.2017	7.048	1.9277	16.9197	1.92768
8300	-1.8251	-0.0558	5.1467	1.2057	7.113	1.9336	16.8882	1.93365
8400	-1.7940	-0.0182	5.1510	1.2098	7.179	1.9393	16.8535	1.93929
8500	-1.7641	0.0181	5.1552	1.2137	7.243	1.9446	16.8164	1.94462
8600	-1.7353	0.0530	5.1592	1.2176	7.306	1.9496	16.7765	1.94965
8700	-1.7076	0.0867	5.1631	1.2211	7.368	1.9543	16.7346	1.95440
8800	-1.6808	0.1195	5.1670	1.2237	7.427	1.9589	16.6913	1.95893
8900	-1.6548	0.1514	5.1707	1.2266	7.486	1.9632	16.6469	1.96324
9000	-1.6296	0.1824	5.1744	1.2293	7.544	1.9672	16.6014	1.96735
9100	-1.6050	0.2126	5.1780	1.2315	7.600	1.9712	16.5553	1.97129
9200	-1.5811	0.2421	5.1815	1.2335	7.655	1.9749	16.5086	1.97505
9300	-1.5577	0.2710	5.1850	1.2349	7.708	1.9785	16.4617	1.97865
9400	-1.5347	0.2993	5.1884	1.2360	7.760	1.9819	16.4151	1.98214
9500	-1.5122	0.3272	5.1918	1.2369	7.810	1.9853	16.3692	1.98556

S/R= 55.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	4/RT	Z*
9600	-1.4900	0.3547	5.1951	1.2374	7.859	1.9886	16.3237	1.98887
9700	-1.4681	0.3818	5.1984	1.2376	7.907	1.9918	16.2789	1.99210
9800	-1.4465	0.4085	5.2017	1.2376	7.954	1.9949	16.2350	1.99528
9900	-1.4251	0.4350	5.2049	1.2373	8.000	1.9980	16.1921	1.99841
10000	-1.4039	0.4612	5.2082	1.2368	8.045	2.0010	16.1501	2.00151
10100	-1.3829	0.4872	5.2114	1.2362	8.089	2.0041	16.1096	2.00459
10200	-1.3620	0.5130	5.2146	1.2357	8.133	2.0071	16.0702	2.00765
10300	-1.3412	0.5387	5.2178	1.2347	8.176	2.0100	16.0323	2.01071
10400	-1.3205	0.5642	5.2210	1.2337	8.218	2.0130	15.9958	2.01378
10500	-1.3000	0.5896	5.2242	1.2327	8.261	2.0160	15.9606	2.01685
10600	-1.2794	0.6149	5.2274	1.2315	8.302	2.0190	15.9269	2.01994
10700	-1.2590	0.6400	5.2306	1.2305	8.344	2.0220	15.8946	2.02305
10800	-1.2386	0.6651	5.2338	1.2293	8.385	2.0251	15.8637	2.02618
10900	-1.2183	0.6901	5.2370	1.2283	8.426	2.0281	15.8343	2.02934
11000	-1.1980	0.7150	5.2402	1.2272	8.468	2.0312	15.8064	2.03253
11100	-1.1777	0.7399	5.2434	1.2257	8.507	2.0343	15.7798	2.03577
11200	-1.1574	0.7647	5.2466	1.2248	8.549	2.0374	15.7548	2.03904
11300	-1.1372	0.7894	5.2498	1.2239	8.591	2.0406	15.7309	2.04234
11400	-1.1171	0.8141	5.2530	1.2228	8.631	2.0437	15.7084	2.04569
11500	-1.0969	0.8387	5.2562	1.2219	8.673	2.0470	15.6872	2.04909
11600	-1.0768	0.8633	5.2595	1.2208	8.713	2.0502	15.6673	2.05251
11700	-1.0567	0.8878	5.2627	1.2198	8.754	2.0535	15.6486	2.05599
11800	-1.0367	0.9122	5.2659	1.2191	8.796	2.0568	15.6311	2.05950
11900	-1.0167	0.9366	5.2691	1.2184	8.838	2.0602	15.6146	2.06306
12000	-0.9968	0.9609	5.2723	1.2173	8.878	2.0635	15.5996	2.06667
12100	-0.9769	0.9851	5.2755	1.2165	8.920	2.0669	15.5854	2.07032
12200	-0.9570	1.0093	5.2787	1.2159	8.962	2.0704	15.5722	2.07402
12300	-0.9372	1.0334	5.2819	1.2152	9.003	2.0739	15.5602	2.07776
12400	-0.9174	1.0574	5.2851	1.2144	9.045	2.0774	15.5491	2.08154
12500	-0.8977	1.0813	5.2883	1.2139	9.087	2.0809	15.5387	2.08535
12600	-0.8780	1.1052	5.2915	1.2136	9.130	2.0844	15.5293	2.08922
12700	-0.8584	1.1290	5.2947	1.2130	9.171	2.0880	15.5209	2.09312
12800	-0.8389	1.1527	5.2979	1.2124	9.213	2.0916	15.5132	2.09706
12900	-0.8194	1.1763	5.3011	1.2121	9.256	2.0952	15.5063	2.10103
13000	-0.8000	1.1998	5.3043	1.2116	9.298	2.0989	15.5001	2.10505
13100	-0.7807	1.2232	5.3075	1.2110	9.339	2.1026	15.4947	2.10911
13200	-0.7614	1.2465	5.3106	1.2109	9.383	2.1062	15.4898	2.11320
13300	-0.7422	1.2698	5.3138	1.2105	9.425	2.1099	15.4857	2.11733
13400	-0.7231	1.2929	5.3169	1.2101	9.467	2.1137	15.4821	2.12148
13500	-0.7041	1.3159	5.3201	1.2100	9.510	2.1174	15.4790	2.12568
13600	-0.6851	1.3388	5.3232	1.2097	9.553	2.1212	15.4768	2.12990
13700	-0.6663	1.3616	5.3264	1.2094	9.595	2.1249	15.4749	2.13416
13800	-0.6475	1.3843	5.3295	1.2091	9.637	2.1287	15.4735	2.13844
13900	-0.6289	1.4069	5.3326	1.2077	9.675	2.1325	15.4726	2.14276
14000	-0.6101	1.4296	5.3357	1.2090	9.724	2.1362	15.4732	2.14705
14100	-0.5918	1.4517	5.3388	1.2102	9.772	2.1401	15.4721	2.15146
14200	-0.5734	1.4740	5.3419	1.2086	9.809	2.1439	15.4726	2.15586
14300	-0.5550	1.4961	5.3449	1.2084	9.851	2.1477	15.4734	2.16028
14400	-0.5368	1.5182	5.3480	1.2084	9.894	2.1515	15.4745	2.16473
14500	-0.5187	1.5401	5.3510	1.2084	9.938	2.1553	15.4760	2.16920
14600	-0.5007	1.5618	5.3541	1.2082	9.980	2.1592	15.4779	2.17369
14700	-0.4827	1.5835	5.3571	1.2081	10.022	2.1630	15.4799	2.17820
14800	-0.4649	1.6051	5.3601	1.2081	10.065	2.1668	15.4824	2.18274
14900	-0.4472	1.6265	5.3631	1.2082	10.108	2.1706	15.4852	2.18729
15000	-0.4295	1.6478	5.3661	1.2080	10.151	2.1744	15.4882	2.19186

S/R= 56.0

T	LOG(RHO)	LJG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3500	-6.9346	-5.7177	4.5605	1.0855	3.574	1.2855	10.3849	1.28547
3600	-6.7269	-5.4921	4.5881	1.0852	3.647	1.3020	10.7590	1.30196
3700	-6.5195	-5.2671	4.6150	1.0849	3.721	1.3192	11.1376	1.31922
3800	-6.3141	-5.0443	4.6411	1.0851	3.797	1.3371	11.5172	1.33711
3900	-6.1128	-4.8258	4.6663	1.0858	3.874	1.3554	11.8905	1.35541
4000	-5.9166	-4.6127	4.6904	1.0867	3.952	1.3740	12.2543	1.37402
4100	-5.7258	-4.4053	4.7134	1.0878	4.030	1.3928	12.6081	1.39285
4200	-5.5412	-4.2043	4.7355	1.0891	4.109	1.4118	12.9488	1.41178
4300	-5.3626	-4.0097	4.7566	1.0905	4.189	1.4308	13.2776	1.43079
4400	-5.1908	-3.8222	4.7767	1.0921	4.268	1.4498	13.5904	1.44977
4500	-5.0250	-3.6410	4.7959	1.0938	4.348	1.4687	13.8908	1.46873
4600	-4.8658	-3.4667	4.8143	1.0956	4.428	1.4876	14.1751	1.48756
4700	-4.7128	-3.2989	4.8318	1.0974	4.507	1.5063	14.4455	1.50626
4800	-4.5657	-3.1374	4.8485	1.0992	4.587	1.5248	14.7025	1.52482
4900	-4.4244	-2.9819	4.8647	1.1009	4.666	1.5432	14.9462	1.54320
5000	-4.2881	-2.8317	4.8802	1.1029	4.745	1.5613	15.1792	1.56132
5100	-4.1582	-2.6883	4.8949	1.1054	4.825	1.5792	15.3948	1.57921
5200	-4.0337	-2.5506	4.9091	1.1075	4.904	1.5969	15.5980	1.59686
5300	-3.9142	-2.4180	4.9226	1.1097	4.983	1.6143	15.7892	1.61427
5400	-3.7996	-2.2908	4.9356	1.1119	5.061	1.6314	15.9680	1.63137
5500	-3.6896	-2.1684	4.9482	1.1142	5.139	1.6482	16.1360	1.64822
5600	-3.5845	-2.0511	4.9601	1.1166	5.217	1.6647	16.2912	1.66469
5700	-3.4834	-1.9382	4.9717	1.1189	5.295	1.6809	16.4362	1.68087
5800	-3.3867	-1.8298	4.9828	1.1213	5.372	1.6967	16.5705	1.69671
5900	-3.2938	-1.7255	4.9934	1.1238	5.449	1.7122	16.6953	1.71224
6000	-3.2051	-1.6257	5.0037	1.1266	5.526	1.7273	16.8086	1.72734
6100	-3.1201	-1.5299	5.0135	1.1293	5.602	1.7421	16.9125	1.74206
6200	-3.0389	-1.4380	5.0230	1.1322	5.678	1.7564	17.0067	1.75639
6300	-2.9613	-1.3500	5.0321	1.1351	5.754	1.7703	17.0914	1.77030
6400	-2.8873	-1.2659	5.0408	1.1382	5.829	1.7837	17.1657	1.78374
6500	-2.8164	-1.1851	5.0493	1.1412	5.904	1.7968	17.2320	1.79679
6600	-2.7487	-1.1078	5.0573	1.1446	5.979	1.8094	17.2897	1.80940
6700	-2.6843	-1.0340	5.0651	1.1480	6.053	1.8215	17.3379	1.82150
6800	-2.6227	-0.9631	5.0725	1.1514	6.126	1.8332	17.3787	1.83320
6900	-2.5642	-0.8956	5.0797	1.1551	6.200	1.8444	17.4107	1.84438
7000	-2.5082	-0.8308	5.0865	1.1589	6.273	1.8552	17.4356	1.85515
7100	-2.4551	-0.7692	5.0931	1.1629	6.346	1.8654	17.4525	1.86539
7200	-2.4045	-0.7103	5.0994	1.1672	6.419	1.8752	17.4621	1.87517
7300	-2.3565	-0.6542	5.1055	1.1714	6.491	1.8844	17.4639	1.88442
7400	-2.3107	-0.6004	5.1113	1.1757	6.563	1.8933	17.4600	1.89326
7500	-2.2673	-0.5493	5.1168	1.1803	6.635	1.9016	17.4492	1.90159
7600	-2.2259	-0.5004	5.1222	1.1849	6.706	1.9095	17.4329	1.90948
7700	-2.1867	-0.4538	5.1273	1.1898	6.777	1.9169	17.4103	1.91688
7800	-2.1494	-0.4092	5.1322	1.1945	6.846	1.9239	17.3829	1.92386
7900	-2.1137	-0.3666	5.1369	1.1990	6.915	1.9304	17.3508	1.93044
8000	-2.0797	-0.3257	5.1415	1.2037	6.983	1.9366	17.3150	1.93664
8100	-2.0472	-0.2865	5.1459	1.2083	7.051	1.9424	17.2750	1.94244
8200	-2.0161	-0.2489	5.1501	1.2127	7.117	1.9479	17.2319	1.94790
8300	-1.9863	-0.2127	5.1542	1.2169	7.182	1.9530	17.1857	1.95302
8400	-1.9577	-0.1778	5.1582	1.2205	7.245	1.9578	17.1374	1.95783
8500	-1.9300	-0.1440	5.1621	1.2240	7.307	1.9623	17.0874	1.96239
8600	-1.9034	-0.1113	5.1659	1.2275	7.368	1.9666	17.0357	1.96669
8700	-1.8775	-0.0795	5.1695	1.2302	7.427	1.9707	16.9831	1.97076
8800	-1.8524	-0.0486	5.1731	1.2320	7.482	1.9745	16.9300	1.97465
8900	-1.8278	-0.0183	5.1767	1.2339	7.537	1.9782	16.8768	1.97837

S/R= 56.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9000	-1.8039	0.0113	5.1802	1.2354	7.591	1.9818	16.8235	1.98195
9100	-1.7803	0.0404	5.1835	1.2365	7.643	1.9852	16.7705	1.98540
9200	-1.7572	0.0689	5.1870	1.2371	7.693	1.9885	16.7184	1.98874
9300	-1.7345	0.0971	5.1903	1.2371	7.741	1.9918	16.6667	1.99199
9400	-1.7120	0.1249	5.1937	1.2371	7.789	1.9949	16.6165	1.99519
9500	-1.6897	0.1524	5.1970	1.2367	7.835	1.9981	16.5677	1.99835
9600	-1.6677	0.1797	5.2003	1.2361	7.880	2.0011	16.5200	2.00147
9700	-1.6458	0.2068	5.2035	1.2352	7.924	2.0042	16.4738	2.00456
9800	-1.6240	0.2337	5.2068	1.2341	7.967	2.0072	16.4292	2.00764
9900	-1.6023	0.2604	5.2101	1.2330	8.010	2.0102	16.3862	2.01072
10000	-1.5807	0.2870	5.2134	1.2317	8.053	2.0132	16.3449	2.01381
10100	-1.5592	0.3135	5.2167	1.2303	8.094	2.0163	16.3057	2.01692
10200	-1.5377	0.3400	5.2199	1.2290	8.136	2.0194	16.2680	2.02006
10300	-1.5162	0.3663	5.2232	1.2274	8.177	2.0224	16.2323	2.02322
10400	-1.4948	0.3927	5.2265	1.2260	8.218	2.0255	16.1982	2.02642
10500	-1.4733	0.4189	5.2298	1.2247	8.260	2.0287	16.1657	2.02966
10600	-1.4519	0.4451	5.2331	1.2234	8.301	2.0319	16.1353	2.03294
10700	-1.4305	0.4713	5.2364	1.2220	8.342	2.0351	16.1063	2.03626
10800	-1.4091	0.4974	5.2397	1.2204	8.382	2.0383	16.0792	2.03964
10900	-1.3877	0.5235	5.2430	1.2192	8.423	2.0416	16.0538	2.04306
11000	-1.3663	0.5496	5.2463	1.2182	8.465	2.0450	16.0300	2.04653
11100	-1.3450	0.5756	5.2497	1.2168	8.506	2.0484	16.0077	2.05006
11200	-1.3236	0.6016	5.2530	1.2156	8.547	2.0518	15.9869	2.05365
11300	-1.3022	0.6276	5.2563	1.2148	8.589	2.0553	15.9675	2.05727
11400	-1.2809	0.6535	5.2597	1.2137	8.631	2.0588	15.9495	2.06096
11500	-1.2596	0.6793	5.2630	1.2127	8.672	2.0623	15.9331	2.06470
11600	-1.2383	0.7051	5.2663	1.2117	8.714	2.0659	15.9177	2.06849
11700	-1.2171	0.7308	5.2697	1.2108	8.756	2.0695	15.9036	2.07233
11800	-1.1959	0.7565	5.2730	1.2101	8.798	2.0732	15.8908	2.07622
11900	-1.1747	0.7821	5.2764	1.2095	8.841	2.0769	15.8792	2.08016
12000	-1.1535	0.8077	5.2797	1.2087	8.884	2.0807	15.8687	2.08416
12100	-1.1325	0.8332	5.2831	1.2080	8.926	2.0845	15.8593	2.08821
12200	-1.1114	0.8586	5.2864	1.2076	8.970	2.0883	15.8508	2.09229
12300	-1.0905	0.8839	5.2898	1.2070	9.012	2.0921	15.8432	2.09643
12400	-1.0696	0.9091	5.2931	1.2064	9.055	2.0960	15.8365	2.10061
12500	-1.0487	0.9342	5.2964	1.2060	9.099	2.0999	15.8308	2.10483
12600	-1.0280	0.9593	5.2997	1.2057	9.142	2.1038	15.8259	2.10910
12700	-1.0073	0.9842	5.3031	1.2054	9.186	2.1078	15.8217	2.11340
12800	-0.9867	1.0090	5.3064	1.2048	9.228	2.1118	15.8182	2.11776
12900	-0.9661	1.0338	5.3097	1.2044	9.272	2.1158	15.8157	2.12214
13000	-0.9457	1.0584	5.3130	1.2044	9.316	2.1198	15.8136	2.12657
13100	-0.9253	1.0829	5.3163	1.2042	9.360	2.1239	15.8121	2.13104
13200	-0.9051	1.1073	5.3195	1.2039	9.404	2.1280	15.8113	2.13553
13300	-0.8849	1.1316	5.3228	1.2037	9.447	2.1321	15.8112	2.14006
13400	-0.8648	1.1558	5.3261	1.2036	9.492	2.1362	15.8114	2.14462
13500	-0.8449	1.1798	5.3293	1.2035	9.536	2.1403	15.8122	2.14921
13600	-0.8250	1.2037	5.3326	1.2032	9.579	2.1444	15.8134	2.15383
13700	-0.8052	1.2275	5.3358	1.2031	9.623	2.1485	15.8151	2.15849
13800	-0.7855	1.2512	5.3390	1.2031	9.668	2.1527	15.8172	2.16316
13900	-0.7660	1.2747	5.3422	1.2017	9.706	2.1568	15.8199	2.16787
14000	-0.7463	1.2983	5.3454	1.2031	9.756	2.1609	15.8239	2.17256
14100	-0.7272	1.3214	5.3486	1.2046	9.806	2.1651	15.8261	2.17737
14200	-0.7080	1.3445	5.3518	1.2031	9.845	2.1693	15.8295	2.18215
14300	-0.6889	1.3675	5.3549	1.2030	9.888	2.1735	15.8334	2.18695
14400	-0.6698	1.3904	5.3581	1.2030	9.932	2.1777	15.8377	2.19178

S/R= 56.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14500	-0.6509	1.4131	5.3612	1.2033	9.977	2.1818	15.8421	2.19663
14600	-0.6322	1.4357	5.3643	1.2033	10.021	2.1860	15.8468	2.20148
14700	-0.6135	1.4581	5.3674	1.2031	10.064	2.1902	15.8518	2.20637
14800	-0.5950	1.4804	5.3705	1.2032	10.108	2.1943	15.8569	2.21127
14900	-0.5766	1.5026	5.3736	1.2033	10.153	2.1985	15.8623	2.21619
15000	-0.5582	1.5246	5.3766	1.2033	10.196	2.2026	15.8678	2.22113

S/R= 57.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3600	-6.8833	-5.6429	4.6095	1.0824	3.666	1.3188	11.3043	1.31882
3700	-6.6649	-5.4066	4.6368	1.0826	3.743	1.3374	11.7109	1.33744
3800	-6.4506	-5.1745	4.6631	1.0832	3.821	1.3566	12.1138	1.35656
3900	-6.2417	-4.9482	4.6882	1.0842	3.901	1.3760	12.5059	1.37600
4000	-6.0393	-4.7286	4.7121	1.0853	3.980	1.3956	12.8849	1.39563
4100	-5.8433	-4.5158	4.7350	1.0866	4.061	1.4154	13.2509	1.41542
4200	-5.6544	-4.3104	4.7568	1.0881	4.141	1.4352	13.6013	1.43524
4300	-5.4723	-4.1120	4.7777	1.0897	4.222	1.4551	13.9376	1.45508
4400	-5.2975	-3.9214	4.7975	1.0914	4.303	1.4748	14.2563	1.47482
4500	-5.1292	-3.7376	4.8164	1.0932	4.385	1.4945	14.5609	1.49450
4600	-4.9680	-3.5613	4.8344	1.0951	4.466	1.5140	14.8485	1.51400
4700	-4.8134	-3.3918	4.8517	1.0970	4.547	1.5333	15.1207	1.53332
4800	-4.6651	-3.2289	4.8681	1.0989	4.628	1.5525	15.3781	1.55246
4900	-4.5229	-3.0725	4.8839	1.1007	4.708	1.5714	15.6211	1.57137
5000	-4.3859	-2.9217	4.8991	1.1028	4.788	1.5900	15.8530	1.59000
5100	-4.2557	-2.7779	4.9135	1.1054	4.869	1.6083	16.0663	1.60833
5200	-4.1311	-2.6400	4.9273	1.1076	4.949	1.6264	16.2661	1.62638
5300	-4.0116	-2.5076	4.9405	1.1099	5.029	1.6441	16.4533	1.64415
5400	-3.8974	-2.3807	4.9532	1.1123	5.109	1.6616	16.6274	1.66156
5500	-3.7880	-2.2588	4.9654	1.1148	5.188	1.6787	16.7896	1.67867
5600	-3.6836	-2.1423	4.9771	1.1173	5.267	1.6954	16.9385	1.69536
5700	-3.5835	-2.0304	4.9883	1.1198	5.345	1.7117	17.0761	1.71169
5800	-3.4879	-1.9232	4.9990	1.1223	5.423	1.7276	17.2023	1.72764
5900	-3.3964	-1.8203	5.0094	1.1251	5.501	1.7432	17.3181	1.74321
6000	-3.3092	-1.7221	5.0192	1.1281	5.579	1.7583	17.4217	1.75831
6100	-3.2260	-1.6281	5.0287	1.1311	5.656	1.7730	17.5149	1.77295
6200	-3.1467	-1.5383	5.0379	1.1343	5.733	1.7871	17.5978	1.78714
6300	-3.0711	-1.4525	5.0466	1.1377	5.810	1.8009	17.6702	1.80086
6400	-2.9995	-1.3708	5.0549	1.1410	5.886	1.8140	17.7312	1.81402
6500	-2.9310	-1.2926	5.0629	1.1445	5.961	1.8267	17.7838	1.82674
6600	-2.8660	-1.2180	5.0705	1.1484	6.037	1.8389	17.8266	1.83894
6700	-2.8044	-1.1471	5.0779	1.1523	6.112	1.8506	17.8593	1.85056
6800	-2.7457	-1.0794	5.0850	1.1563	6.187	1.8617	17.8840	1.86172
6900	-2.6902	-1.0152	5.0917	1.1606	6.262	1.8723	17.8989	1.87228
7000	-2.6375	-0.9538	5.0981	1.1650	6.336	1.8824	17.9065	1.88237
7100	-2.5877	-0.8957	5.1042	1.1698	6.410	1.8919	17.9054	1.89188
7200	-2.5405	-0.8404	5.1101	1.1749	6.485	1.9009	17.8963	1.90086
7300	-2.4960	-0.7879	5.1157	1.1799	6.558	1.9093	17.8797	1.90927
7400	-2.4536	-0.7379	5.1210	1.1849	6.630	1.9172	17.8570	1.91722
7500	-2.4136	-0.6903	5.1262	1.1902	6.703	1.9246	17.8278	1.92465
7600	-2.3757	-0.6451	5.1311	1.1956	6.775	1.9316	17.7927	1.93159
7700	-2.3398	-0.6021	5.1357	1.2011	6.846	1.9380	17.7520	1.93805
7800	-2.3056	-0.5610	5.1402	1.2060	6.915	1.9441	17.7070	1.94409
7900	-2.2731	-0.5216	5.1445	1.2107	6.983	1.9497	17.6582	1.94974
8000	-2.2419	-0.4838	5.1488	1.2155	7.051	1.9550	17.6062	1.95502

S/R= 57.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8100	-2.2122	-0.4476	5.1528	1.2201	7.117	1.9599	17.5513	1.95995
8200	-2.1836	-0.4127	5.1567	1.2241	7.181	1.9645	17.4939	1.96457
8300	-2.1561	-0.3790	5.1605	1.2277	7.243	1.9688	17.4349	1.96889
8400	-2.1295	-0.3462	5.1642	1.2304	7.302	1.9729	17.3751	1.97297
8500	-2.1036	-0.3144	5.1678	1.2328	7.360	1.9768	17.3147	1.97687
8600	-2.0785	-0.2833	5.1714	1.2350	7.416	1.9805	17.2537	1.98056
8700	-2.0539	-0.2530	5.1749	1.2364	7.470	1.9840	17.1932	1.98409
8800	-2.0298	-0.2232	5.1783	1.2370	7.521	1.9874	17.1334	1.98750
8900	-2.0061	-0.1939	5.1817	1.2372	7.571	1.9907	17.0745	1.99082
9000	-1.9827	-0.1649	5.1851	1.2372	7.619	1.9939	17.0168	1.99405
9100	-1.9596	-0.1363	5.1885	1.2367	7.666	1.9970	16.9605	1.99722
9200	-1.9367	-0.1080	5.1918	1.2360	7.712	2.0001	16.9059	2.00035
9300	-1.9139	-0.0798	5.1952	1.2350	7.756	2.0032	16.8530	2.00345
9400	-1.8912	-0.0519	5.1985	1.2335	7.799	2.0062	16.8021	2.00655
9500	-1.8687	-0.0240	5.2018	1.2320	7.842	2.0093	16.7533	2.00965
9600	-1.8461	0.0037	5.2052	1.2306	7.885	2.0124	16.7065	2.01276
9700	-1.8236	0.0314	5.2085	1.2288	7.926	2.0154	16.6618	2.01590
9800	-1.8012	0.0589	5.2119	1.2269	7.967	2.0186	16.6194	2.01906
9900	-1.7787	0.0865	5.2152	1.2253	8.008	2.0217	16.5791	2.02227
10000	-1.7562	0.1141	5.2186	1.2235	8.049	2.0249	16.5411	2.02552
10100	-1.7336	0.1416	5.2219	1.2217	8.090	2.0281	16.5052	2.02883
10200	-1.7111	0.1692	5.2253	1.2199	8.130	2.0314	16.4713	2.03219
10300	-1.6885	0.1967	5.2287	1.2182	8.171	2.0347	16.4397	2.03560
10400	-1.6659	0.2242	5.2321	1.2167	8.212	2.0381	16.4100	2.03907
10500	-1.6433	0.2517	5.2356	1.2153	8.254	2.0415	16.3824	2.04260
10600	-1.6206	0.2792	5.2390	1.2138	8.295	2.0450	16.3565	2.04620
10700	-1.5980	0.3067	5.2424	1.2122	8.336	2.0485	16.3327	2.04986
10800	-1.5753	0.3342	5.2459	1.2108	8.377	2.0521	16.3106	2.05358
10900	-1.5525	0.3617	5.2494	1.2096	8.419	2.0558	16.2905	2.05737
11000	-1.5298	0.3892	5.2528	1.2086	8.461	2.0595	16.2719	2.06122
11100	-1.5071	0.4166	5.2563	1.2074	8.503	2.0632	16.2549	2.06513
11200	-1.4844	0.4440	5.2598	1.2063	8.546	2.0670	16.2395	2.06911
11300	-1.4618	0.4713	5.2633	1.2056	8.589	2.0709	16.2254	2.07314
11400	-1.4391	0.4986	5.2668	1.2047	8.632	2.0748	16.2129	2.07724
11500	-1.4165	0.5259	5.2703	1.2037	8.675	2.0788	16.2016	2.08139
11600	-1.3939	0.5531	5.2737	1.2029	8.717	2.0828	16.1915	2.08560
11700	-1.3713	0.5802	5.2772	1.2022	8.761	2.0868	16.1830	2.08988
11800	-1.3488	0.6072	5.2807	1.2017	8.805	2.0909	16.1754	2.09420
11900	-1.3264	0.6342	5.2842	1.2012	8.849	2.0950	16.1688	2.09858
12000	-1.3040	0.6611	5.2877	1.2005	8.893	2.0992	16.1635	2.10301
12100	-1.2816	0.6879	5.2912	1.2001	8.937	2.1034	16.1590	2.10748
12200	-1.2594	0.7146	5.2947	1.1998	8.982	2.1076	16.1554	2.11201
12300	-1.2372	0.7412	5.2982	1.1993	9.026	2.1119	16.1527	2.11658
12400	-1.2152	0.7677	5.3016	1.1991	9.071	2.1162	16.1508	2.12119
12500	-1.1932	0.7940	5.3051	1.1989	9.116	2.1205	16.1497	2.12586
12600	-1.1712	0.8203	5.3085	1.1985	9.160	2.1249	16.1495	2.13056
12700	-1.1494	0.8465	5.3120	1.1982	9.205	2.1292	16.1498	2.13530
12800	-1.1277	0.8725	5.3154	1.1980	9.250	2.1336	16.1508	2.14009
12900	-1.1061	0.8984	5.3188	1.1978	9.295	2.1381	16.1524	2.14490
13000	-1.0846	0.9241	5.3222	1.1980	9.341	2.1425	16.1546	2.14976
13100	-1.0632	0.9497	5.3256	1.1980	9.387	2.1470	16.1573	2.15464
13200	-1.0420	0.9752	5.3290	1.1977	9.431	2.1514	16.1605	2.15956
13300	-1.0208	1.0005	5.3324	1.1975	9.476	2.1559	16.1642	2.16450
13400	-0.9998	1.0257	5.3358	1.1978	9.522	2.1604	16.1682	2.16949
13500	-0.9789	1.0508	5.3391	1.1977	9.567	2.1649	16.1728	2.17449

S/R= 57.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13600	-0.9580	1.0757	5.3425	1.1974	9.612	2.1694	16.1777	2.17954
13700	-0.9374	1.1004	5.3458	1.1976	9.658	2.1740	16.1829	2.18460
13800	-0.9168	1.1250	5.3491	1.1978	9.704	2.1785	16.1885	2.18968
13900	-0.8964	1.1495	5.3524	1.1965	9.744	2.1830	16.1943	2.19478
14000	-0.8759	1.1743	5.3557	1.1980	9.795	2.1875	16.2017	2.19986
14100	-0.8560	1.1979	5.3589	1.1996	9.847	2.1921	16.2069	2.20507
14200	-0.8360	1.2219	5.3622	1.1983	9.886	2.1966	16.2136	2.21024
14300	-0.8161	1.2457	5.3654	1.1983	9.931	2.2011	16.2204	2.21543
14400	-0.7963	1.2694	5.3686	1.1984	9.977	2.2057	16.2275	2.22064
14500	-0.7767	1.2930	5.3718	1.1985	10.022	2.2102	16.2348	2.22587
14600	-0.7572	1.3163	5.3750	1.1987	10.068	2.2147	16.2422	2.23110
14700	-0.7378	1.3395	5.3782	1.1989	10.113	2.2192	16.2497	2.23636
14800	-0.7186	1.3626	5.3813	1.1990	10.158	2.2237	16.2575	2.24163
14900	-0.6995	1.3855	5.3844	1.1992	10.204	2.2282	16.2652	2.24692
15000	-0.6806	1.4082	5.3876	1.1994	10.249	2.2327	16.2731	2.25221

S/R= 58.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3700	-6.7991	-5.5346	4.6586	1.0811	3.767	1.3566	12.3141	1.35660
3800	-6.5770	-5.2945	4.5848	1.0817	3.847	1.3769	12.7362	1.37685
3900	-6.3618	-5.0616	4.7098	1.0829	3.928	1.3973	13.1438	1.39733
4000	-6.1541	-4.8365	4.7335	1.0842	4.010	1.4179	13.5352	1.41793
4100	-5.9538	-4.6192	4.7561	1.0857	4.092	1.4386	13.9109	1.43860
4200	-5.7614	-4.4101	4.7776	1.0873	4.174	1.4592	14.2690	1.45924
4300	-5.5762	-4.2087	4.7982	1.0890	4.257	1.4799	14.6112	1.47986
4400	-5.3990	-4.0155	4.8175	1.0908	4.339	1.5003	14.9340	1.50031
4500	-5.2289	-3.8298	4.8362	1.0927	4.422	1.5207	15.2414	1.52065
4600	-5.0662	-3.6518	4.8539	1.0947	4.504	1.5408	15.5301	1.54076
4700	-4.9104	-3.4812	4.8708	1.0967	4.586	1.5607	15.8024	1.56065
4800	-4.7613	-3.3174	4.8870	1.0988	4.669	1.5803	16.0590	1.58032
4900	-4.6186	-3.1605	4.9024	1.1007	4.750	1.5997	16.3002	1.59970
5000	-4.4814	-3.0094	4.9172	1.1029	4.831	1.6188	16.5289	1.61877
5100	-4.3512	-2.8656	4.9313	1.1055	4.914	1.6375	16.7384	1.63748
5200	-4.2268	-2.7280	4.9448	1.1080	4.995	1.6559	16.9337	1.65587
5300	-4.1079	-2.5961	4.9577	1.1104	5.076	1.6739	17.1153	1.67392
5400	-3.9945	-2.4700	4.9700	1.1129	5.156	1.6916	17.2827	1.69156
5500	-3.8860	-2.3491	4.9819	1.1156	5.236	1.7089	17.4377	1.70886
5600	-3.7828	-2.2338	4.9932	1.1182	5.316	1.7256	17.5779	1.72565
5700	-3.6841	-2.1233	5.0040	1.1209	5.395	1.7421	17.7065	1.74205
5800	-3.5901	-2.0179	5.0144	1.1238	5.474	1.7580	17.8225	1.75799
5900	-3.5004	-1.9169	5.0244	1.1269	5.553	1.7735	17.9273	1.77350
6000	-3.4153	-1.8208	5.0339	1.1302	5.631	1.7884	18.0185	1.78844
6100	-3.3343	-1.7292	5.0430	1.1335	5.709	1.8029	18.0989	1.80289
6200	-3.2575	-1.6419	5.0517	1.1371	5.787	1.8168	18.1676	1.81679
6300	-3.1846	-1.5590	5.0600	1.1410	5.865	1.8301	18.2250	1.83013
6400	-3.1158	-1.4802	5.0679	1.1448	5.942	1.8429	18.2703	1.84286
6500	-3.0504	-1.4053	5.0755	1.1489	6.019	1.8550	18.3058	1.85505
6600	-2.9886	-1.3341	5.0827	1.1534	6.096	1.8667	18.3311	1.86666
6700	-2.9304	-1.2669	5.0895	1.1580	6.172	1.8776	18.3453	1.87761
6800	-2.8753	-1.2029	5.0962	1.1629	6.248	1.8880	18.3506	1.88801
6900	-2.8235	-1.1425	5.1024	1.1679	6.324	1.8978	18.3460	1.89778
7000	-2.7745	-1.0852	5.1083	1.1732	6.400	1.9070	18.3332	1.90699
7100	-2.7285	-1.0311	5.1140	1.1791	6.476	1.9156	18.3113	1.91556
7200	-2.6852	-0.9799	5.1194	1.1848	6.551	1.9236	18.2819	1.92356



S/R= 58.0

T	LOG(RHO)	LOG(P)	LOG(M/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7300	-2.6444	-0.9315	5.1245	1.1906	6.625	1.9310	18.2450	1.93098
7400	-2.6058	-0.8854	5.1294	1.1965	6.698	1.9379	18.2022	1.93793
7500	-2.5694	-0.8418	5.1340	1.2025	6.772	1.9443	18.1530	1.94432
7600	-2.5350	-0.8003	5.1385	1.2082	6.843	1.9502	18.0991	1.95024
7700	-2.5024	-0.7607	5.1427	1.2139	6.914	1.9557	18.0407	1.95572
7800	-2.4713	-0.7229	5.1469	1.2188	6.982	1.9608	17.9789	1.96082
7900	-2.4415	-0.6865	5.1508	1.2230	7.047	1.9655	17.9146	1.96556
8000	-2.4129	-0.6515	5.1547	1.2272	7.111	1.9700	17.8484	1.96999
8100	-2.3854	-0.6177	5.1584	1.2309	7.174	1.9741	17.7806	1.97413
8200	-2.3588	-0.5849	5.1621	1.2337	7.234	1.9780	17.7120	1.97803
8300	-2.3330	-0.5530	5.1657	1.2358	7.291	1.9816	17.6432	1.98172
8400	-2.3077	-0.5218	5.1692	1.2370	7.344	1.9852	17.5749	1.98525
8500	-2.2830	-0.4912	5.1726	1.2377	7.396	1.9886	17.5075	1.98865
8600	-2.2586	-0.4610	5.1761	1.2381	7.447	1.9918	17.4411	1.99194
8700	-2.2346	-0.4313	5.1795	1.2377	7.495	1.9950	17.3763	1.99514
8800	-2.2109	-0.4019	5.1829	1.2368	7.541	1.9981	17.3134	1.99828
8900	-2.1872	-0.3727	5.1862	1.2354	7.586	2.0012	17.2525	2.00140
9000	-2.1637	-0.3437	5.1896	1.2338	7.629	2.0043	17.1938	2.00450
9100	-2.1403	-0.3148	5.1930	1.2322	7.672	2.0074	17.1378	2.00761
9200	-2.1169	-0.2860	5.1964	1.2305	7.715	2.0104	17.0839	2.01073
9300	-2.0935	-0.2572	5.1999	1.2283	7.756	2.0136	17.0327	2.01387
9400	-2.0701	-0.2284	5.2032	1.2261	7.796	2.0167	16.9843	2.01705
9500	-2.0466	-0.1997	5.2066	1.2238	7.836	2.0199	16.9385	2.02029
9600	-2.0231	-0.1709	5.2100	1.2218	7.877	2.0231	16.8952	2.02358
9700	-1.9995	-0.1421	5.2135	1.2196	7.917	2.0264	16.8545	2.02692
9800	-1.9758	-0.1133	5.2170	1.2174	7.958	2.0297	16.8155	2.03034
9900	-1.9521	-0.0844	5.2205	1.2155	7.999	2.0332	16.7812	2.03381
10000	-1.9283	-0.0555	5.2240	1.2136	8.039	2.0366	16.7482	2.03737
10100	-1.9044	-0.0265	5.2275	1.2116	8.080	2.0402	16.7175	2.04099
10200	-1.8804	0.0025	5.2310	1.2100	8.122	2.0438	16.6892	2.04470
10300	-1.8564	0.0315	5.2346	1.2082	8.163	2.0475	16.6633	2.04848
10400	-1.8324	0.0605	5.2382	1.2066	8.204	2.0512	16.6393	2.05233
10500	-1.8083	0.0896	5.2418	1.2053	8.247	2.0550	16.6176	2.05625
10600	-1.7841	0.1187	5.2454	1.2038	8.289	2.0589	16.5981	2.06026
10700	-1.7600	0.1477	5.2490	1.2026	8.332	2.0629	16.5802	2.06434
10800	-1.7358	0.1768	5.2526	1.2013	8.374	2.0669	16.5645	2.06850
10900	-1.7116	0.2059	5.2562	1.2003	8.417	2.0710	16.5501	2.07273
11000	-1.6874	0.2349	5.2599	1.1993	8.461	2.0751	16.5376	2.07702
11100	-1.6632	0.2639	5.2635	1.1983	8.504	2.0793	16.5266	2.08139
11200	-1.6391	0.2928	5.2672	1.1977	8.549	2.0835	16.5172	2.08582
11300	-1.6149	0.3217	5.2708	1.1969	8.593	2.0879	16.5090	2.09031
11400	-1.5909	0.3505	5.2745	1.1961	8.637	2.0922	16.5024	2.09486
11500	-1.5668	0.3793	5.2781	1.1953	8.681	2.0966	16.4969	2.09949
11600	-1.5428	0.4079	5.2817	1.1948	8.726	2.1011	16.4925	2.10417
11700	-1.5189	0.4365	5.2854	1.1944	8.772	2.1056	16.4895	2.10891
11800	-1.4950	0.4650	5.2890	1.1941	8.818	2.1101	16.4874	2.11369
11900	-1.4713	0.4934	5.2927	1.1936	8.863	2.1147	16.4863	2.11854
12000	-1.4476	0.5216	5.2963	1.1931	8.908	2.1193	16.4862	2.12343
12100	-1.4240	0.5498	5.2999	1.1931	8.954	2.1239	16.4867	2.12837
12200	-1.4005	0.5778	5.3035	1.1929	9.000	2.1286	16.4882	2.13335
12300	-1.3771	0.6057	5.3071	1.1924	9.046	2.1333	16.4905	2.13839
12400	-1.3538	0.6335	5.3107	1.1923	9.092	2.1381	16.4935	2.14346
12500	-1.3307	0.6611	5.3143	1.1923	9.139	2.1428	16.4971	2.14858
12600	-1.3076	0.6886	5.3179	1.1922	9.185	2.1476	16.5014	2.15373
12700	-1.2847	0.7159	5.3215	1.1920	9.231	2.1524	16.5061	2.15892

S/R= 58.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12800	-1.2619	0.7431	5.3250	1.1920	9.277	2.1573	16.5116	2.16415
12900	-1.2392	0.7701	5.3285	1.1921	9.324	2.1621	16.5174	2.16940
13000	-1.2167	0.7969	5.3321	1.1922	9.371	2.1670	16.5238	2.17470
13100	-1.1943	0.8236	5.3356	1.1922	9.418	2.1718	16.5304	2.18001
13200	-1.1721	0.8502	5.3390	1.1922	9.464	2.1767	16.5375	2.18536
13300	-1.1499	0.8765	5.3425	1.1923	9.511	2.1816	16.5451	2.19074
13400	-1.1280	0.9027	5.3460	1.1925	9.558	2.1865	16.5527	2.19615
13500	-1.1061	0.9288	5.3494	1.1926	9.605	2.1914	16.5609	2.20157
13600	-1.0845	0.9546	5.3528	1.1927	9.652	2.1963	16.5693	2.20703
13700	-1.0629	0.9803	5.3562	1.1928	9.699	2.2012	16.5778	2.21250
13800	-1.0415	1.0058	5.3596	1.1930	9.746	2.2061	16.5867	2.21799
13900	-1.0203	1.0311	5.3630	1.1920	9.788	2.2110	16.5957	2.22349
14000	-0.9990	1.0566	5.3664	1.1937	9.840	2.2159	16.6063	2.22894
14100	-0.9783	1.0813	5.3697	1.1953	9.893	2.2208	16.6143	2.23457
14200	-0.9575	1.1061	5.3730	1.1939	9.934	2.2257	16.6239	2.24013
14300	-0.9369	1.1307	5.3763	1.1942	9.980	2.2306	16.6335	2.24571
14400	-0.9164	1.1552	5.3796	1.1943	10.027	2.2355	16.6433	2.25130
14500	-0.8961	1.1794	5.3829	1.1946	10.074	2.2404	16.6532	2.25690
14600	-0.8760	1.2035	5.3861	1.1949	10.121	2.2453	16.6630	2.26250
14700	-0.8559	1.2274	5.3893	1.1952	10.168	2.2502	16.6731	2.26813
14800	-0.8361	1.2512	5.3925	1.1954	10.214	2.2550	16.6832	2.27377
14900	-0.8164	1.2747	5.3957	1.1957	10.261	2.2598	16.6933	2.27941
15000	-0.7968	1.2981	5.3989	1.1959	10.307	2.2647	16.7034	2.28506

S/R= 59.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3700	-6.9236	-5.6527	4.6802	1.0798	3.792	1.3766	12.9428	1.37656
3800	-6.6949	-5.4058	4.7063	1.0805	3.874	1.3979	13.3804	1.39787
3900	-6.4744	-5.1674	4.7310	1.0818	3.957	1.4193	13.8008	1.41931
4000	-6.2622	-4.9377	4.7544	1.0834	4.041	1.4408	14.2023	1.44080
4100	-6.0583	-4.7167	4.7767	1.0850	4.124	1.4623	14.5856	1.46230
4200	-5.8629	-4.5045	4.7979	1.0867	4.208	1.4837	14.9494	1.48370
4300	-5.6755	-4.3006	4.8180	1.0885	4.292	1.5050	15.2954	1.50503
4400	-5.4964	-4.1055	4.8372	1.0904	4.376	1.5261	15.6207	1.52613
4500	-5.3248	-3.9182	4.8554	1.0924	4.460	1.5471	15.9291	1.54709
4600	-5.1610	-3.7391	4.8727	1.0945	4.543	1.5678	16.2177	1.56776
4700	-5.0045	-3.5677	4.8893	1.0966	4.627	1.5882	16.4888	1.58817
4800	-4.8550	-3.4035	4.9051	1.0988	4.710	1.6083	16.7430	1.60830
4900	-4.7122	-3.2464	4.9202	1.1008	4.792	1.6281	16.9808	1.62810
5000	-4.5752	-3.0956	4.9346	1.1031	4.875	1.6475	17.2049	1.64753
5100	-4.4454	-2.9522	4.9483	1.1059	4.958	1.6666	17.4092	1.66656
5200	-4.3218	-2.8152	4.9615	1.1085	5.040	1.6852	17.5980	1.68521
5300	-4.2038	-2.6843	4.9740	1.1111	5.122	1.7035	17.7722	1.70346
5400	-4.0915	-2.5594	4.9860	1.1138	5.203	1.7213	17.9314	1.72125
5500	-3.9844	-2.4400	4.9975	1.1166	5.284	1.7386	18.0769	1.73861
5600	-3.8828	-2.3264	5.0084	1.1195	5.365	1.7554	18.2068	1.75543
5700	-3.7861	-2.2179	5.0189	1.1226	5.445	1.7718	18.3237	1.77176
5800	-3.6942	-2.1147	5.0289	1.1258	5.525	1.7876	18.4272	1.78757
5900	-3.6069	-2.0162	5.0384	1.1292	5.604	1.8029	18.5181	1.80285
6000	-3.5244	-1.9229	5.0475	1.1329	5.684	1.8175	18.5947	1.81752
6100	-3.4463	-1.8343	5.0562	1.1368	5.763	1.8316	18.6590	1.83158
6200	-3.3726	-1.7503	5.0645	1.1409	5.842	1.8450	18.7108	1.84502
6300	-3.3030	-1.6708	5.0723	1.1453	5.921	1.8578	18.7500	1.85782
6400	-3.2377	-1.5958	5.0798	1.1500	5.999	1.8699	18.7762	1.86989

S/R= 59.0

T	LOG(RHO)	LOG(P)	LOG(H/2)	GAMMA-E	A/AA	Z	H/RT	Z*
6500	-3.1760	-1.5248	5.0869	1.1548	6.077	1.8814	18.7917	1.88136
6600	-3.1182	-1.4578	5.0936	1.1602	6.155	1.8922	18.7958	1.89216
6700	-3.0640	-1.3948	5.1003	1.1657	6.233	1.9022	18.7884	1.90222
6800	-3.0130	-1.3352	5.1060	1.1716	6.311	1.9117	18.7718	1.91168
6900	-2.9654	-1.2793	5.1117	1.1777	6.388	1.9204	18.7446	1.92044
7000	-2.9207	-1.2265	5.1172	1.1840	6.465	1.9286	18.7092	1.92858
7100	-2.8788	-1.1768	5.1223	1.1907	6.542	1.9361	18.6653	1.93608
7200	-2.8395	-1.1299	5.1272	1.1973	6.618	1.9430	18.6140	1.94299
7300	-2.8027	-1.0856	5.1318	1.2039	6.693	1.9493	18.5560	1.94933
7400	-2.7678	-1.0436	5.1362	1.2102	6.767	1.9552	18.4931	1.95518
7500	-2.7350	-1.0037	5.1405	1.2162	6.838	1.9605	18.4252	1.96054
7600	-2.7037	-0.9656	5.1445	1.2217	6.908	1.9655	18.3537	1.96549
7700	-2.6740	-0.9292	5.1485	1.2267	6.976	1.9700	18.2794	1.97004
7800	-2.6454	-0.8941	5.1522	1.2307	7.040	1.9743	18.2034	1.97429
7900	-2.6179	-0.8601	5.1559	1.2339	7.101	1.9782	18.1264	1.97826
8000	-2.5912	-0.8272	5.1596	1.2364	7.160	1.9820	18.0493	1.98200
8100	-2.5652	-0.7950	5.1631	1.2383	7.216	1.9855	17.9721	1.98554
8200	-2.5398	-0.7636	5.1665	1.2392	7.270	1.9889	17.8963	1.98893
8300	-2.5149	-0.7326	5.1700	1.2389	7.319	1.9921	17.8216	1.99220
8400	-2.4902	-0.7020	5.1735	1.2384	7.367	1.9953	17.7488	1.99539
8500	-2.4657	-0.6718	5.1769	1.2374	7.414	1.9984	17.6784	1.99853
8600	-2.4414	-0.6417	5.1803	1.2358	7.458	2.0015	17.6104	2.00163
8700	-2.4172	-0.6118	5.1837	1.2337	7.501	2.0046	17.5451	2.00472
8800	-2.3930	-0.5820	5.1871	1.2314	7.543	2.0076	17.4826	2.00783
8900	-2.3688	-0.5522	5.1905	1.2290	7.584	2.0108	17.4235	2.01097
9000	-2.3445	-0.5224	5.1940	1.2264	7.624	2.0139	17.3672	2.01414
9100	-2.3201	-0.4925	5.1974	1.2240	7.665	2.0171	17.3142	2.01737
9200	-2.2957	-0.4626	5.2009	1.2213	7.705	2.0203	17.2644	2.02066
9300	-2.2711	-0.4326	5.2045	1.2185	7.744	2.0237	17.2174	2.02402
9400	-2.2464	-0.4025	5.2080	1.2162	7.784	2.0271	17.1739	2.02746
9500	-2.2215	-0.3724	5.2116	1.2138	7.825	2.0305	17.1334	2.03098
9600	-2.1966	-0.3421	5.2152	1.2112	7.864	2.0341	17.0956	2.03458
9700	-2.1715	-0.3117	5.2188	1.2090	7.905	2.0377	17.0513	2.03828
9800	-2.1463	-0.2813	5.2224	1.2070	7.946	2.0414	17.0294	2.04206
9900	-2.1209	-0.2507	5.2261	1.2050	7.988	2.0452	17.0004	2.04593
10000	-2.0955	-0.2201	5.2298	1.2031	8.029	2.0491	16.9740	2.04990
10100	-2.0700	-0.1894	5.2335	1.2014	8.071	2.0530	16.9501	2.05395
10200	-2.0444	-0.1587	5.2372	1.1999	8.114	2.0571	16.9285	2.05809
10300	-2.0187	-0.1279	5.2410	1.1983	8.156	2.0612	16.9094	2.06232
10400	-1.9930	-0.0971	5.2447	1.1968	8.199	2.0654	16.8924	2.06663
10500	-1.9673	-0.0663	5.2485	1.1957	8.243	2.0697	16.8774	2.07103
10600	-1.9415	-0.0355	5.2523	1.1945	8.287	2.0741	16.8647	2.07552
10700	-1.9157	-0.0047	5.2561	1.1934	8.331	2.0785	16.8536	2.08008
10800	-1.8898	0.0261	5.2599	1.1924	8.375	2.0830	16.8445	2.08473
10900	-1.8641	0.0569	5.2637	1.1915	8.420	2.0875	16.8367	2.08944
11000	-1.8383	0.0875	5.2675	1.1908	8.466	2.0921	16.8307	2.09423
11100	-1.8126	0.1182	5.2713	1.1902	8.511	2.0968	16.8262	2.09909
11200	-1.7869	0.1487	5.2751	1.1895	8.556	2.1016	16.8229	2.10402
11300	-1.7612	0.1792	5.2789	1.1889	8.602	2.1063	16.8211	2.10901
11400	-1.7357	0.2096	5.2827	1.1885	8.649	2.1112	16.8204	2.11407
11500	-1.7102	0.2399	5.2866	1.1880	8.695	2.1161	16.8210	2.11918
11600	-1.6848	0.2701	5.2904	1.1876	8.741	2.1210	16.8225	2.12435
11700	-1.6595	0.3001	5.2941	1.1874	8.788	2.1260	16.8250	2.12957
11800	-1.6343	0.3300	5.2979	1.1872	8.835	2.1310	16.8284	2.13485
11900	-1.6092	0.3598	5.3017	1.1868	8.882	2.1360	16.8327	2.14017

S/R= 59.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12000	-1.5842	0.3895	5.3055	1.1866	8.929	2.1411	16.8379	2.14555
12100	-1.5594	0.4189	5.3092	1.1867	8.977	2.1462	16.8437	2.15097
12200	-1.5346	0.4483	5.3130	1.1867	9.025	2.1514	16.8502	2.15643
12300	-1.5100	0.4775	5.3167	1.1867	9.073	2.1565	16.8572	2.16193
12400	-1.4856	0.5065	5.3204	1.1865	9.120	2.1617	16.8649	2.16748
12500	-1.4613	0.5353	5.3241	1.1865	9.167	2.1669	16.8732	2.17305
12600	-1.4372	0.5640	5.3278	1.1867	9.216	2.1722	16.8818	2.17866
12700	-1.4131	0.5924	5.3315	1.1867	9.264	2.1774	16.8910	2.18430
12800	-1.3893	0.6207	5.3351	1.1867	9.311	2.1827	16.9006	2.18997
12900	-1.3656	0.6489	5.3387	1.1869	9.360	2.1879	16.9105	2.19569
13000	-1.3421	0.6768	5.3424	1.1872	9.408	2.1932	16.9207	2.20142
13100	-1.3187	0.7045	5.3460	1.1873	9.456	2.1985	16.9312	2.20717
13200	-1.2955	0.7321	5.3495	1.1875	9.504	2.2038	16.9420	2.21295
13300	-1.2725	0.7594	5.3531	1.1877	9.553	2.2091	16.9530	2.21875
13400	-1.2496	0.7866	5.3566	1.1879	9.601	2.2144	16.9642	2.22458
13500	-1.2270	0.8135	5.3602	1.1882	9.649	2.2197	16.9758	2.23041
13600	-1.2044	0.8403	5.3637	1.1885	9.698	2.2250	16.9874	2.23628
13700	-1.1821	0.8669	5.3671	1.1886	9.745	2.2303	16.9992	2.24215
13800	-1.1599	0.8932	5.3706	1.1890	9.794	2.2356	17.0110	2.24805
13900	-1.1379	0.9194	5.3741	1.1878	9.836	2.2409	17.0230	2.25396
14000	-1.1158	0.9456	5.3775	1.1898	9.891	2.2461	17.0365	2.25979
14100	-1.0944	0.9711	5.3809	1.1917	9.946	2.2514	17.0471	2.26582
14200	-1.0729	0.9967	5.3843	1.1902	9.987	2.2567	17.0593	2.27176
14300	-1.0516	1.0220	5.3876	1.1906	10.035	2.2619	17.0715	2.27771
14400	-1.0305	1.0472	5.3909	1.1908	10.083	2.2672	17.0838	2.28368
14500	-1.0095	1.0722	5.3943	1.1913	10.131	2.2724	17.0961	2.28965
14600	-0.9887	1.0969	5.3976	1.1917	10.180	2.2776	17.1082	2.29562
14700	-0.9681	1.1215	5.4008	1.1919	10.227	2.2828	17.1205	2.30162
14800	-0.9476	1.1459	5.4041	1.1923	10.275	2.2880	17.1327	2.30761
14900	-0.9274	1.1701	5.4073	1.1928	10.324	2.2932	17.1449	2.31361
15000	-0.9073	1.1941	5.4105	1.1929	10.370	2.2983	17.1569	2.31961

S/R= 60.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3800	-6.8055	-5.5097	4.7273	1.0802	3.903	1.4195	14.0438	1.41949
3900	-6.5804	-5.2666	4.7517	1.0810	3.987	1.4418	14.4743	1.44183
4000	-6.3646	-5.0331	4.7748	1.0827	4.072	1.4641	14.8833	1.46415
4100	-6.1577	-4.8090	4.7967	1.0844	4.157	1.4864	15.2724	1.48641
4200	-5.9600	-4.5943	4.8175	1.0862	4.242	1.5085	15.6399	1.50852
4300	-5.7706	-4.3885	4.8373	1.0882	4.327	1.5305	15.9883	1.53051
4400	-5.5902	-4.1919	4.8560	1.0902	4.413	1.5522	16.3143	1.55222
4500	-5.4176	-4.0036	4.8739	1.0922	4.497	1.5737	16.6223	1.57373
4600	-5.2532	-3.8238	4.8909	1.0945	4.582	1.5949	16.9093	1.59491
4700	-5.0964	-3.6521	4.9071	1.0967	4.667	1.6158	17.1775	1.61577
4800	-4.9469	-3.4879	4.9225	1.0989	4.751	1.6363	17.4278	1.63630
4900	-4.8043	-3.3311	4.9372	1.1011	4.834	1.6565	17.6607	1.65646
5000	-4.6680	-3.1808	4.9513	1.1036	4.918	1.6762	17.8788	1.67620
5100	-4.5391	-3.0383	4.9647	1.1065	5.002	1.6955	18.0756	1.69546
5200	-4.4165	-2.9026	4.9774	1.1093	5.085	1.7143	18.2562	1.71428
5300	-4.2999	-2.7730	4.9896	1.1121	5.168	1.7326	18.4212	1.73265
5400	-4.1892	-2.6498	5.0012	1.1150	5.250	1.7505	18.5697	1.75047
5500	-4.0841	-2.5324	5.0123	1.1181	5.332	1.7678	18.7036	1.76780
5600	-3.9847	-2.4211	5.0228	1.1213	5.413	1.7845	18.8207	1.78449
5700	-3.8904	-2.3152	5.0329	1.1247	5.494	1.8006	18.9236	1.80063

S/R= 60.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5800	-3.8013	-2.2149	5.0424	1.1283	5.575	1.8161	19.0115	1.81614
5900	-3.7169	-2.1195	5.0516	1.1322	5.656	1.8311	19.0857	1.83106
6000	-3.6377	-2.0297	5.0602	1.1366	5.736	1.8452	19.1444	1.84524
6100	-3.5632	-1.9448	5.0684	1.1411	5.817	1.8587	19.1895	1.85873
6200	-3.4933	-1.8648	5.0762	1.1460	5.897	1.8715	19.2205	1.87150
6300	-3.4278	-1.7896	5.0835	1.1512	5.977	1.8835	19.2383	1.88352
6400	-3.3667	-1.7191	5.0904	1.1568	6.057	1.8948	19.2419	1.89475
6500	-3.3095	-1.6527	5.0970	1.1627	6.136	1.9053	19.2339	1.90527
6600	-3.2561	-1.5905	5.1032	1.1692	6.216	1.9150	19.2140	1.91504
6700	-3.2065	-1.5323	5.1090	1.1759	6.296	1.9240	19.1824	1.92404
6800	-3.1602	-1.4777	5.1145	1.1829	6.376	1.9323	19.1411	1.93236
6900	-3.1171	-1.4266	5.1196	1.1901	6.454	1.9399	19.0897	1.93994
7000	-3.0768	-1.3785	5.1246	1.1974	6.533	1.9469	19.0307	1.94692
7100	-3.0392	-1.3334	5.1292	1.2049	6.610	1.9532	18.9641	1.95326
7200	-3.0039	-1.2907	5.1335	1.2121	6.686	1.9590	18.8915	1.95904
7300	-2.9708	-1.2504	5.1378	1.2187	6.760	1.9643	18.8133	1.96429
7400	-2.9393	-1.2120	5.1418	1.2245	6.831	1.9691	18.7319	1.96912
7500	-2.9094	-1.1753	5.1457	1.2298	6.899	1.9735	18.6477	1.97354
7600	-2.8808	-1.1400	5.1494	1.2341	6.964	1.9776	18.5619	1.97764
7700	-2.8532	-1.1059	5.1531	1.2373	7.026	1.9814	18.4754	1.98145
7800	-2.8264	-1.0727	5.1567	1.2392	7.083	1.9850	18.3890	1.98503
7900	-2.8003	-1.0403	5.1602	1.2403	7.138	1.9884	18.3036	1.98845
8000	-2.7746	-1.0084	5.1636	1.2406	7.190	1.9917	18.2199	1.99173
8100	-2.7493	-0.9771	5.1671	1.2400	7.239	1.9948	18.1379	1.99491
8200	-2.7242	-0.9460	5.1705	1.2386	7.285	1.9979	18.0589	1.99803
8300	-2.6993	-0.9151	5.1739	1.2365	7.328	2.0010	17.9827	2.00112
8400	-2.6744	-0.8843	5.1774	1.2341	7.371	2.0041	17.9096	2.00421
8500	-2.6494	-0.8536	5.1808	1.2315	7.412	2.0072	17.8401	2.00731
8600	-2.6244	-0.8228	5.1843	1.2286	7.453	2.0103	17.7741	2.01045
8700	-2.5993	-0.7920	5.1878	1.2256	7.493	2.0135	17.7116	2.01363
8800	-2.5740	-0.7610	5.1913	1.2224	7.532	2.0167	17.6532	2.01690
8900	-2.5486	-0.7300	5.1949	1.2192	7.571	2.0200	17.5985	2.02024
9000	-2.5229	-0.6988	5.1985	1.2162	7.610	2.0234	17.5475	2.02366
9100	-2.4971	-0.6674	5.2021	1.2133	7.650	2.0269	17.5001	2.02718
9200	-2.4711	-0.6358	5.2057	1.2105	7.690	2.0304	17.4563	2.03080
9300	-2.4449	-0.6042	5.2094	1.2076	7.729	2.0341	17.4161	2.03452
9400	-2.4185	-0.5723	5.2132	1.2050	7.769	2.0379	17.3793	2.03834
9500	-2.3919	-0.5403	5.2169	1.2027	7.810	2.0418	17.3459	2.04227
9600	-2.3651	-0.5082	5.2207	1.2004	7.852	2.0457	17.3157	2.04631
9700	-2.3382	-0.4759	5.2245	1.1985	7.894	2.0498	17.2886	2.05045
9800	-2.3112	-0.4435	5.2284	1.1965	7.936	2.0540	17.2644	2.05470
9900	-2.2840	-0.4110	5.2322	1.1946	7.978	2.0582	17.2429	2.05905
10000	-2.2568	-0.3785	5.2361	1.1931	8.022	2.0626	17.2240	2.06350
10100	-2.2294	-0.3459	5.2400	1.1916	8.066	2.0671	17.2077	2.06805
10200	-2.2020	-0.3133	5.2440	1.1902	8.110	2.0716	17.1940	2.07270
10300	-2.1745	-0.2806	5.2479	1.1888	8.154	2.0762	17.1822	2.07744
10400	-2.1470	-0.2479	5.2519	1.1878	8.199	2.0810	17.1728	2.08228
10500	-2.1195	-0.2152	5.2558	1.1869	8.244	2.0857	17.1653	2.08720
10600	-2.0920	-0.1825	5.2598	1.1859	8.290	2.0906	17.1596	2.09222
10700	-2.0645	-0.1499	5.2638	1.1851	8.336	2.0956	17.1555	2.09731
10800	-2.0370	-0.1174	5.2678	1.1843	8.382	2.1006	17.1534	2.10247
10900	-2.0096	-0.0849	5.2718	1.1838	8.429	2.1056	17.1526	2.10771
11000	-1.9822	-0.0525	5.2757	1.1832	8.476	2.1108	17.1534	2.11303
11100	-1.9548	-0.0201	5.2797	1.1826	8.523	2.1160	17.1553	2.11841
11200	-1.9276	0.0121	5.2837	1.1823	8.570	2.1212	17.1586	2.12386

S/R= 60.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11300	-1.9005	0.0441	5.2877	1.1820	8.618	2.1265	17.1629	2.12936
11400	-1.8734	0.0761	5.2916	1.1817	8.656	2.1318	17.1682	2.13493
11500	-1.8465	0.1079	5.2956	1.1815	8.714	2.1372	17.1747	2.14055
11600	-1.8197	0.1395	5.2995	1.1812	8.762	2.1426	17.1819	2.14623
11700	-1.7930	0.1711	5.3035	1.1812	8.811	2.1481	17.1902	2.15195
11800	-1.7665	0.2024	5.3074	1.1812	8.860	2.1536	17.1990	2.15773
11900	-1.7401	0.2336	5.3113	1.1809	8.908	2.1591	17.2084	2.16354
12000	-1.7139	0.2646	5.3152	1.1810	8.957	2.1647	17.2188	2.16941
12100	-1.6878	0.2953	5.3191	1.1812	9.006	2.1703	17.2295	2.17531
12200	-1.6619	0.3259	5.3229	1.1813	9.055	2.1759	17.2407	2.18125
12300	-1.6362	0.3564	5.3268	1.1815	9.105	2.1815	17.2525	2.18722
12400	-1.6106	0.3866	5.3306	1.1814	9.153	2.1871	17.2646	2.19323
12500	-1.5852	0.4166	5.3344	1.1814	9.202	2.1928	17.2772	2.19926
12600	-1.5600	0.4463	5.3382	1.1818	9.252	2.1984	17.2902	2.20533
12700	-1.5349	0.4759	5.3419	1.1821	9.302	2.2041	17.3033	2.21144
12800	-1.5101	0.5053	5.3457	1.1822	9.351	2.2098	17.3168	2.21755
12900	-1.4854	0.5345	5.3494	1.1825	9.401	2.2155	17.3305	2.22370
13000	-1.4610	0.5634	5.3531	1.1829	9.451	2.2212	17.3445	2.22986
13100	-1.4367	0.5921	5.3568	1.1831	9.500	2.2269	17.3586	2.23604
13200	-1.4126	0.6206	5.3604	1.1835	9.550	2.2326	17.3728	2.24225
13300	-1.3887	0.6489	5.3641	1.1837	9.599	2.2383	17.3871	2.24847
13400	-1.3650	0.6769	5.3677	1.1839	9.648	2.2440	17.4016	2.25471
13500	-1.3415	0.7048	5.3713	1.1844	9.699	2.2497	17.4162	2.26097
13600	-1.3182	0.7324	5.3749	1.1849	9.749	2.2554	17.4308	2.26724
13700	-1.2951	0.7598	5.3784	1.1851	9.798	2.2611	17.4455	2.27352
13800	-1.2722	0.7869	5.3819	1.1855	9.848	2.2667	17.4601	2.27980
13900	-1.2495	0.8138	5.3854	1.1842	9.890	2.2724	17.4746	2.28610
14000	-1.2267	0.8409	5.3889	1.1864	9.947	2.2779	17.4910	2.29230
14100	-1.2047	0.8670	5.3924	1.1886	10.004	2.2837	17.5040	2.29872
14200	-1.1825	0.8933	5.3958	1.1870	10.045	2.2893	17.5185	2.30504
14300	-1.1606	0.9194	5.3992	1.1875	10.095	2.2949	17.5330	2.31136
14400	-1.1388	0.9452	5.4026	1.1879	10.144	2.3005	17.5475	2.31770
14500	-1.1173	0.9708	5.4059	1.1884	10.194	2.3061	17.5619	2.32404
14600	-1.0959	0.9962	5.4093	1.1889	10.244	2.3116	17.5760	2.33037
14700	-1.0747	1.0214	5.4125	1.1891	10.292	2.3172	17.5903	2.33671
14800	-1.0537	1.0464	5.4159	1.1897	10.341	2.3227	17.6044	2.34305
14900	-1.0329	1.0711	5.4192	1.1903	10.391	2.3282	17.6184	2.34939
15000	-1.0123	1.0957	5.4224	1.1904	10.439	2.3337	17.6325	2.35573

S/R= 61.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3800	-6.9096	-5.6072	4.7478	1.0796	3.933	1.4416	14.7231	1.44163
3900	-6.6809	-5.3602	4.7718	1.0804	4.017	1.4648	15.1610	1.46480
4000	-6.4621	-5.1236	4.7945	1.0822	4.104	1.4879	15.5759	1.48789
4100	-6.2528	-4.8970	4.8161	1.0840	4.190	1.5109	15.9688	1.51086
4200	-6.0532	-4.6804	4.8365	1.0859	4.277	1.5336	16.3384	1.53363
4300	-5.8625	-4.4731	4.8559	1.0879	4.363	1.5562	16.6875	1.55623
4400	-5.6811	-4.2756	4.8742	1.0900	4.449	1.5785	17.0129	1.57850
4500	-5.5079	-4.0866	4.8917	1.0922	4.535	1.6005	17.3188	1.60051
4600	-5.3433	-3.9066	4.9083	1.0945	4.621	1.6221	17.6027	1.62213
4700	-5.1866	-3.7349	4.9241	1.0968	4.707	1.6434	17.8565	1.64338
4800	-5.0375	-3.5712	4.9392	1.0992	4.792	1.6643	18.1113	1.66426
4900	-4.8957	-3.4151	4.9535	1.1016	4.876	1.6847	18.3375	1.68468
5000	-4.7604	-3.2659	4.9673	1.1042	4.961	1.7046	18.5475	1.70465

S/R= 61.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5100	-4.6328	-3.1248	4.9802	1.1073	5.046	1.7241	18.7353	1.72406
5200	-4.5118	-2.9906	4.9925	1.1103	5.130	1.7430	18.9057	1.74296
5300	-4.3971	-2.8631	5.0044	1.1133	5.213	1.7613	19.0589	1.76131
5400	-4.2886	-2.7422	5.0156	1.1165	5.296	1.7791	19.1945	1.77906
5500	-4.1860	-2.6274	5.0262	1.1200	5.379	1.7962	19.3139	1.79620
5600	-4.0893	-2.5190	5.0363	1.1237	5.462	1.8126	19.4153	1.81264
5700	-3.9982	-2.4164	5.0459	1.1276	5.543	1.8284	19.5009	1.82840
5800	-3.9125	-2.3196	5.0550	1.1317	5.625	1.8435	19.5701	1.84346
5900	-3.8319	-2.2282	5.0636	1.1363	5.707	1.8578	19.6242	1.85779
6000	-3.7567	-2.1426	5.0718	1.1414	5.789	1.8713	19.6612	1.87128
6100	-3.6865	-2.0623	5.0794	1.1468	5.871	1.8840	19.6832	1.88398
6200	-3.6212	-1.9871	5.0866	1.1528	5.953	1.8958	19.6902	1.89585
6300	-3.5624	-1.9169	5.0934	1.1592	6.035	1.9069	19.6827	1.90688
6400	-3.5043	-1.8516	5.0998	1.1661	6.116	1.9170	19.6602	1.91702
6500	-3.4521	-1.7906	5.1057	1.1731	6.198	1.9264	19.6257	1.92639
6600	-3.4037	-1.7336	5.1113	1.1811	6.280	1.9350	19.5795	1.93497
6700	-3.3591	-1.6808	5.1166	1.1892	6.362	1.9427	19.5215	1.94273
6800	-3.3177	-1.6313	5.1215	1.1972	6.443	1.9498	19.4545	1.94979
6900	-3.2792	-1.5851	5.1262	1.2053	6.522	1.9561	19.3789	1.95615
7000	-3.2432	-1.5416	5.1306	1.2132	6.601	1.9619	19.2970	1.96193
7100	-3.2095	-1.5006	5.1348	1.2207	6.677	1.9671	19.2091	1.96714
7200	-3.1778	-1.4618	5.1388	1.2274	6.750	1.9719	19.1173	1.97187
7300	-3.1478	-1.4248	5.1426	1.2328	6.820	1.9762	19.0224	1.97617
7400	-3.1189	-1.3891	5.1463	1.2370	6.885	1.9801	18.9265	1.98015
7500	-3.0911	-1.3547	5.1499	1.2403	6.947	1.9838	18.8301	1.98383
7600	-3.0642	-1.3212	5.1535	1.2421	7.004	1.9873	18.7345	1.98731
7700	-3.0378	-1.2885	5.1569	1.2427	7.058	1.9906	18.6402	1.99060
7800	-3.0119	-1.2563	5.1604	1.2421	7.107	1.9937	18.5480	1.99378
7900	-2.9862	-1.2244	5.1638	1.2405	7.153	1.9968	18.4589	1.99689
8000	-2.9606	-1.1927	5.1673	1.2385	7.198	1.9999	18.3731	1.99996
8100	-2.9351	-1.1611	5.1707	1.2358	7.241	2.0029	18.2910	2.00303
8200	-2.9095	-1.1295	5.1742	1.2325	7.281	2.0060	18.2128	2.00611
8300	-2.8838	-1.0979	5.1777	1.2291	7.321	2.0091	18.1387	2.00924
8400	-2.8579	-1.0661	5.1812	1.2255	7.360	2.0123	18.0691	2.01244
8500	-2.8318	-1.0341	5.1848	1.2218	7.398	2.0156	18.0039	2.01571
8600	-2.8054	-1.0019	5.1884	1.2182	7.437	2.0189	17.9430	2.01907
8700	-2.7788	-0.9696	5.1920	1.2145	7.475	2.0223	17.8866	2.02254
8800	-2.7519	-0.9369	5.1957	1.2112	7.514	2.0259	17.8344	2.02612
8900	-2.7247	-0.9041	5.1995	1.2079	7.553	2.0296	17.7868	2.02982
9000	-2.6973	-0.8710	5.2033	1.2046	7.593	2.0333	17.7430	2.03363
9100	-2.6696	-0.8376	5.2071	1.2019	7.633	2.0372	17.7035	2.03757
9200	-2.6416	-0.8041	5.2110	1.1992	7.674	2.0412	17.6677	2.04163
9300	-2.6134	-0.7703	5.2149	1.1966	7.715	2.0454	17.6356	2.04581
9400	-2.5850	-0.7364	5.2188	1.1941	7.756	2.0496	17.6072	2.05012
9500	-2.5564	-0.7023	5.2228	1.1918	7.798	2.0540	17.5823	2.05456
9600	-2.5277	-0.6680	5.2268	1.1901	7.842	2.0585	17.5605	2.05912
9700	-2.4988	-0.6336	5.2308	1.1884	7.886	2.0631	17.5418	2.06378
9800	-2.4697	-0.5991	5.2349	1.1867	7.930	2.0678	17.5259	2.06856
9900	-2.4406	-0.5645	5.2390	1.1851	7.974	2.0726	17.5128	2.07346
10000	-2.4113	-0.5300	5.2431	1.1838	8.019	2.0775	17.5023	2.07846
10100	-2.3821	-0.4953	5.2472	1.1825	8.065	2.0825	17.4942	2.08357
10200	-2.3527	-0.4606	5.2514	1.1813	8.110	2.0876	17.4884	2.08877
10300	-2.3234	-0.4260	5.2555	1.1805	8.157	2.0928	17.4845	2.09406
10400	-2.2940	-0.3913	5.2596	1.1798	8.205	2.0980	17.4828	2.09946
10500	-2.2647	-0.3567	5.2638	1.1789	8.251	2.1034	17.4828	2.10493

S/R= 61.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10600	-2.2354	-0.3222	5.2680	1.1784	8.299	2.1088	17.4846	2.11049
10700	-2.2061	-0.2877	5.2721	1.1777	8.347	2.1142	17.4879	2.11613
10800	-2.1769	-0.2534	5.2763	1.1771	8.395	2.1198	17.4926	2.12184
10900	-2.1479	-0.2191	5.2804	1.1770	8.444	2.1254	17.4988	2.12763
11000	-2.1189	-0.1850	5.2846	1.1766	8.493	2.1311	17.5060	2.13348
11100	-2.0900	-0.1510	5.2887	1.1762	8.541	2.1368	17.5145	2.13940
11200	-2.0612	-0.1172	5.2929	1.1760	8.590	2.1425	17.5240	2.14538
11300	-2.0326	-0.0836	5.2970	1.1759	8.640	2.1483	17.5345	2.15140
11400	-2.0041	-0.0501	5.3011	1.1758	8.689	2.1542	17.5458	2.15749
11500	-1.9758	-0.0168	5.3052	1.1757	8.739	2.1601	17.5580	2.16363
11600	-1.9477	0.0163	5.3092	1.1757	8.789	2.1660	17.5706	2.16982
11700	-1.9197	0.0492	5.3133	1.1758	8.839	2.1720	17.5843	2.17605
11800	-1.8919	0.0819	5.3174	1.1759	8.890	2.1779	17.5983	2.18232
11900	-1.8642	0.1144	5.3214	1.1759	8.940	2.1839	17.6127	2.18863
12000	-1.8368	0.1467	5.3254	1.1762	8.991	2.1900	17.6279	2.19498
12100	-1.8096	0.1787	5.3294	1.1765	9.041	2.1960	17.6433	2.20136
12200	-1.7825	0.2105	5.3333	1.1766	9.092	2.2021	17.6592	2.20777
12300	-1.7557	0.2421	5.3373	1.1768	9.142	2.2081	17.6753	2.21421
12400	-1.7290	0.2735	5.3412	1.1770	9.193	2.2142	17.6915	2.22068
12500	-1.7026	0.3046	5.3451	1.1772	9.243	2.2203	17.7082	2.22717
12600	-1.6764	0.3354	5.3490	1.1777	9.295	2.2264	17.7250	2.23369
12700	-1.6504	0.3660	5.3528	1.1781	9.346	2.2325	17.7421	2.24024
12800	-1.6246	0.3964	5.3566	1.1782	9.396	2.2386	17.7592	2.24679
12900	-1.5991	0.4265	5.3604	1.1787	9.447	2.2448	17.7765	2.25337
13000	-1.5737	0.4564	5.3642	1.1791	9.499	2.2509	17.7939	2.25996
13100	-1.5486	0.4860	5.3680	1.1795	9.550	2.2570	17.8110	2.26657
13200	-1.5237	0.5154	5.3717	1.1800	9.601	2.2631	17.8284	2.27319
13300	-1.4990	0.5446	5.3754	1.1804	9.652	2.2692	17.8458	2.27983
13400	-1.4746	0.5734	5.3791	1.1806	9.702	2.2753	17.8632	2.28647
13500	-1.4503	0.6021	5.3827	1.1811	9.753	2.2813	17.8805	2.29313
13600	-1.4263	0.6305	5.3863	1.1817	9.805	2.2874	17.8980	2.29979
13700	-1.4025	0.6586	5.3899	1.1821	9.855	2.2935	17.9152	2.30646
13800	-1.3789	0.6865	5.3935	1.1826	9.906	2.2995	17.9323	2.31313
13900	-1.3555	0.7141	5.3971	1.1812	9.949	2.3055	17.9492	2.31981
14000	-1.3320	0.7419	5.4006	1.1835	10.007	2.3114	17.9679	2.32637
14100	-1.3094	0.7687	5.4041	1.1858	10.066	2.3175	17.9830	2.33318
14200	-1.2867	0.7956	5.4076	1.1844	10.109	2.3235	17.9997	2.33986
14300	-1.2642	0.8223	5.4110	1.1850	10.160	2.3295	18.0161	2.34655
14400	-1.2418	0.8487	5.4144	1.1854	10.210	2.3354	18.0328	2.35324
14500	-1.2197	0.8749	5.4178	1.1860	10.261	2.3413	18.0491	2.35993
14600	-1.1979	0.9009	5.4212	1.1866	10.312	2.3472	18.0650	2.36660
14700	-1.1762	0.9266	5.4245	1.1869	10.362	2.3531	18.0809	2.37329
14800	-1.1547	0.9522	5.4279	1.1874	10.412	2.3589	18.0968	2.37997
14900	-1.1334	0.9774	5.4312	1.1880	10.462	2.3647	18.1121	2.38664
15000	-1.1123	1.0025	5.4344	1.1882	10.511	2.3705	18.1275	2.39331

S/R= 62.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3900	-6.7766	-5.4490	4.7913	1.0808	4.050	1.4881	15.8590	1.48814
4000	-6.5554	-5.2099	4.8137	1.0818	4.136	1.5119	16.2776	1.51194
4100	-6.3443	-4.9814	4.8348	1.0837	4.224	1.5356	16.6727	1.53558
4200	-6.1433	-4.7634	4.8548	1.0857	4.312	1.5590	17.0431	1.55896
4300	-5.9517	-4.5551	4.8738	1.0878	4.399	1.5821	17.3911	1.58210
4400	-5.7698	-4.3570	4.8918	1.0900	4.486	1.6049	17.7143	1.60487



S/R= 62.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4500	-5.5964	-4.1679	4.9089	1.0923	4.574	1.6273	18.0168	1.62733
4600	-5.4320	-3.9881	4.9251	1.0947	4.660	1.6493	18.2957	1.64934
4700	-5.2758	-3.8169	4.9405	1.0972	4.747	1.6709	18.5538	1.67092
4800	-5.1276	-3.6541	4.9552	1.0997	4.833	1.6921	18.7913	1.69205
4900	-4.9869	-3.4992	4.9691	1.1022	4.918	1.7127	19.0085	1.71267
5000	-4.8531	-3.3516	4.9825	1.1051	5.004	1.7328	19.2087	1.73277
5100	-4.7273	-3.2123	4.9953	1.1084	5.089	1.7522	19.3853	1.75223
5200	-4.6085	-3.0804	5.0070	1.1116	5.174	1.7711	19.5425	1.77107
5300	-4.4962	-2.9554	5.0183	1.1150	5.258	1.7893	19.6816	1.78931
5400	-4.3906	-2.8374	5.0291	1.1186	5.342	1.8068	19.8013	1.80681
5500	-4.2910	-2.7259	5.0393	1.1226	5.426	1.8236	19.9032	1.82363
5600	-4.1980	-2.6212	5.0489	1.1268	5.510	1.8396	19.9853	1.83961
5700	-4.1107	-2.5226	5.0580	1.1313	5.593	1.8548	20.0502	1.85483
5800	-4.0292	-2.4303	5.0666	1.1363	5.676	1.8692	20.0969	1.86919
5900	-3.9532	-2.3437	5.0746	1.1418	5.759	1.8827	20.1267	1.88272
6000	-3.8829	-2.2632	5.0822	1.1480	5.843	1.8953	20.1379	1.89529
6100	-3.8178	-2.1883	5.0892	1.1546	5.926	1.9070	20.1332	1.90696
6200	-3.7578	-2.1187	5.0959	1.1619	6.010	1.9177	20.1122	1.91770
6300	-3.7025	-2.0543	5.1020	1.1698	6.095	1.9275	20.0759	1.92750
6400	-3.6518	-1.9947	5.1078	1.1781	6.179	1.9364	20.0251	1.93639
6500	-3.6050	-1.9394	5.1131	1.1868	6.263	1.9444	19.9623	1.94445
6600	-3.5620	-1.8882	5.1181	1.1961	6.348	1.9517	19.8882	1.95168
6700	-3.5224	-1.8406	5.1228	1.2053	6.431	1.9581	19.8037	1.95814
6800	-3.4855	-1.7960	5.1272	1.2139	6.511	1.9639	19.7122	1.96395
6900	-3.4513	-1.7543	5.1314	1.2220	6.589	1.9691	19.6142	1.96914
7000	-3.4190	-1.7148	5.1354	1.2294	6.665	1.9738	19.5120	1.97383
7100	-3.3886	-1.6773	5.1392	1.2358	6.737	1.9781	19.4064	1.97806
7200	-3.3596	-1.6413	5.1429	1.2404	6.803	1.9819	19.2999	1.98194
7300	-3.3316	-1.6066	5.1465	1.2433	6.865	1.9855	19.1929	1.98551
7400	-3.3044	-1.5727	5.1500	1.2447	6.921	1.9889	19.0876	1.98889
7500	-3.2778	-1.5396	5.1534	1.2448	6.974	1.9921	18.9839	1.99209
7600	-3.2515	-1.5069	5.1569	1.2437	7.022	1.9952	18.8833	1.99521
7700	-3.2254	-1.4744	5.1603	1.2414	7.067	1.9982	18.7864	1.99825
7800	-3.1993	-1.4421	5.1638	1.2385	7.110	2.0012	18.6933	2.00128
7900	-3.1732	-1.4097	5.1573	1.2348	7.150	2.0043	18.6049	2.00433
8000	-3.1469	-1.3773	5.1708	1.2308	7.189	2.0074	18.5212	2.00744
8100	-3.1203	-1.3447	5.1743	1.2267	7.228	2.0105	18.4426	2.01061
8200	-3.0935	-1.3118	5.1779	1.2225	7.266	2.0138	18.3693	2.01386
8300	-3.0663	-1.2786	5.1815	1.2183	7.303	2.0171	18.3008	2.01723
8400	-3.0388	-1.2452	5.1852	1.2140	7.340	2.0206	18.2375	2.02071
8500	-3.0109	-1.2114	5.1890	1.2099	7.378	2.0242	18.1794	2.02431
8600	-2.9827	-1.1773	5.1928	1.2061	7.417	2.0279	18.1261	2.02806
8700	-2.9541	-1.1428	5.1967	1.2025	7.455	2.0317	18.0780	2.03195
8800	-2.9251	-1.1080	5.2006	1.1993	7.495	2.0357	18.0344	2.03598
8900	-2.8958	-1.0730	5.2046	1.1963	7.536	2.0399	17.9954	2.04014
9000	-2.8662	-1.0376	5.2086	1.1933	7.577	2.0441	17.9609	2.04446
9100	-2.8363	-1.0020	5.2125	1.1905	7.618	2.0485	17.9303	2.04892
9200	-2.8062	-0.9661	5.2167	1.1881	7.660	2.0531	17.9037	2.05351
9300	-2.7758	-0.9301	5.2209	1.1859	7.704	2.0578	17.8813	2.05825
9400	-2.7452	-0.8938	5.2251	1.1839	7.748	2.0626	17.8620	2.06312
9500	-2.7144	-0.8574	5.2293	1.1821	7.792	2.0675	17.8463	2.06812
9600	-2.6835	-0.8208	5.2335	1.1807	7.838	2.0726	17.8336	2.07325
9700	-2.6524	-0.7842	5.2378	1.1790	7.883	2.0777	17.8240	2.07850
9800	-2.6213	-0.7475	5.2421	1.1777	7.929	2.0830	17.8170	2.08386
9900	-2.5901	-0.7107	5.2464	1.1765	7.975	2.0884	17.8126	2.08934

S/R= 62.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10000	-2.5588	-0.6740	5.2507	1.1754	8.022	2.0939	17.8108	2.09492
10100	-2.5275	-0.6372	5.2550	1.1747	8.071	2.0994	17.8111	2.10061
10200	-2.4962	-0.6005	5.2593	1.1738	8.118	2.1051	17.8133	2.10640
10300	-2.4649	-0.5638	5.2637	1.1732	8.157	2.1109	17.8175	2.11227
10400	-2.4337	-0.5272	5.2680	1.1725	8.216	2.1167	17.8236	2.11824
10500	-2.4026	-0.4907	5.2724	1.1720	8.265	2.1226	17.8311	2.12428
10600	-2.3715	-0.4543	5.2767	1.1716	8.314	2.1286	17.8402	2.13041
10700	-2.3406	-0.4180	5.2810	1.1712	8.364	2.1346	17.8507	2.13661
10800	-2.3097	-0.3819	5.2854	1.1710	8.414	2.1407	17.8622	2.14289
10900	-2.2790	-0.3460	5.2897	1.1710	8.465	2.1468	17.8750	2.14922
11000	-2.2485	-0.3102	5.2940	1.1707	8.515	2.1530	17.8889	2.15561
11100	-2.2181	-0.2746	5.2983	1.1706	8.566	2.1593	17.9035	2.16207
11200	-2.1879	-0.2392	5.3025	1.1707	8.617	2.1656	17.9191	2.16858
11300	-2.1578	-0.2040	5.3068	1.1706	8.667	2.1719	17.9353	2.17513
11400	-2.1280	-0.1691	5.3110	1.1706	8.719	2.1782	17.9522	2.18174
11500	-2.0983	-0.1344	5.3152	1.1709	8.771	2.1846	17.9698	2.18839
11600	-2.0689	-0.0999	5.3194	1.1710	8.822	2.1910	17.9878	2.19508
11700	-2.0396	-0.0656	5.3236	1.1712	8.874	2.1975	18.0065	2.20181
11800	-2.0106	-0.0317	5.3278	1.1714	8.925	2.2039	18.0253	2.20857
11900	-1.9818	0.0021	5.3319	1.1716	8.977	2.2104	18.0445	2.21536
12000	-1.9532	0.0355	5.3360	1.1719	9.029	2.2169	18.0642	2.22219
12100	-1.9249	0.0688	5.3401	1.1723	9.082	2.2234	18.0839	2.22904
12200	-1.8968	0.1017	5.3441	1.1727	9.134	2.2299	18.1039	2.23593
12300	-1.8689	0.1344	5.3482	1.1730	9.186	2.2364	18.1240	2.24282
12400	-1.8413	0.1668	5.3522	1.1733	9.238	2.2430	18.1443	2.24974
12500	-1.8139	0.1989	5.3561	1.1736	9.289	2.2495	18.1648	2.25669
12600	-1.7868	0.2308	5.3601	1.1742	9.342	2.2560	18.1851	2.26364
12700	-1.7599	0.2624	5.3640	1.1746	9.395	2.2626	18.2056	2.27062
12800	-1.7333	0.2937	5.3679	1.1749	9.446	2.2691	18.2260	2.27761
12900	-1.7068	0.3247	5.3718	1.1754	9.499	2.2756	18.2464	2.28462
13000	-1.6807	0.3554	5.3756	1.1759	9.551	2.2821	18.2668	2.29162
13100	-1.6548	0.3859	5.3794	1.1764	9.604	2.2886	18.2871	2.29864
13200	-1.6291	0.4161	5.3832	1.1770	9.656	2.2951	18.3074	2.30567
13300	-1.6037	0.4460	5.3870	1.1774	9.708	2.3016	18.3275	2.31271
13400	-1.5785	0.4757	5.3907	1.1778	9.760	2.3081	18.3474	2.31974
13500	-1.5536	0.5050	5.3944	1.1784	9.813	2.3145	18.3672	2.32679
13600	-1.5289	0.5342	5.3981	1.1790	9.865	2.3210	18.3870	2.33384
13700	-1.5045	0.5630	5.4017	1.1795	9.917	2.3274	18.4064	2.34088
13800	-1.4802	0.5915	5.4053	1.1801	9.969	2.3338	18.4259	2.34793
13900	-1.4563	0.6198	5.4089	1.1787	10.013	2.3402	18.4450	2.35498
14000	-1.4322	0.6482	5.4125	1.1810	10.072	2.3464	18.4658	2.36189
14100	-1.4091	0.6756	5.4160	1.1835	10.133	2.3529	18.4827	2.36907
14200	-1.3858	0.7031	5.4195	1.1822	10.177	2.3592	18.5014	2.37611
14300	-1.3627	0.7304	5.4230	1.1828	10.229	2.3655	18.5194	2.38315
14400	-1.3399	0.7574	5.4264	1.1833	10.280	2.3717	18.5377	2.39018
14500	-1.3173	0.7841	5.4298	1.1839	10.332	2.3780	18.5555	2.39721
14600	-1.2950	0.8106	5.4332	1.1846	10.384	2.3842	18.5729	2.40422
14700	-1.2728	0.8368	5.4365	1.1850	10.435	2.3904	18.5903	2.41124
14800	-1.2509	0.8628	5.4400	1.1855	10.486	2.3965	18.6075	2.41825
14900	-1.2292	0.8885	5.4433	1.1861	10.537	2.4027	18.6245	2.42524
15000	-1.2077	0.9140	5.4466	1.1863	10.587	2.4088	18.6410	2.43223

S/R= 63.0

T	LOG(RH <sub>0</sub> )	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3900	-6.8692	-5.5338	4.8103	1.0805	4.082	1.5118	16.5663	1.51178
4000	-6.6452	-5.2928	4.8322	1.0815	4.169	1.5363	16.9869	1.53625
4100	-6.4327	-5.0628	4.8529	1.0835	4.258	1.5605	17.3825	1.56050
4200	-6.2308	-4.8438	4.8725	1.0856	4.346	1.5844	17.7520	1.58444
4300	-6.0387	-4.6351	4.8911	1.0878	4.435	1.6081	18.0975	1.60808
4400	-5.8567	-4.4369	4.9087	1.0901	4.523	1.6313	18.4169	1.63129
4500	-5.6836	-4.2480	4.9254	1.0925	4.611	1.6541	18.7141	1.65413
4600	-5.5198	-4.0688	4.9412	1.0951	4.699	1.6765	18.9867	1.67645
4700	-5.3646	-3.8987	4.9562	1.0977	4.787	1.6983	19.2366	1.69828
4800	-5.2177	-3.7372	4.9705	1.1004	4.874	1.7196	19.4649	1.71959
4900	-5.0787	-3.5840	4.9840	1.1031	4.960	1.7403	19.6716	1.74031
5000	-4.9469	-3.4385	4.9969	1.1063	5.046	1.7604	19.8591	1.76044
5100	-4.8235	-3.3017	5.0091	1.1099	5.133	1.7798	20.0217	1.77981
5200	-4.7074	-3.1726	5.0205	1.1134	5.218	1.7985	20.1635	1.79848
5300	-4.5983	-3.0510	5.0314	1.1173	5.303	1.8164	20.2848	1.81641
5400	-4.4961	-2.9366	5.0417	1.1214	5.388	1.8335	20.3854	1.83353
5500	-4.4006	-2.8293	5.0514	1.1260	5.473	1.8498	20.4660	1.84980
5600	-4.3118	-2.7291	5.0605	1.1310	5.558	1.8651	20.5252	1.86514
5700	-4.2293	-2.6355	5.0690	1.1364	5.642	1.8796	20.5649	1.87956
5800	-4.1529	-2.5485	5.0770	1.1424	5.727	1.8930	20.5849	1.89300
5900	-4.0824	-2.4677	5.0844	1.1492	5.812	1.9055	20.5861	1.90547
6000	-4.0177	-2.3931	5.0913	1.1568	5.899	1.9169	20.5679	1.91690
6100	-3.9585	-2.3244	5.0978	1.1651	5.985	1.9273	20.5324	1.92729
6200	-3.9044	-2.2611	5.1037	1.1741	6.072	1.9367	20.4802	1.93669
6300	-3.8551	-2.2029	5.1093	1.1837	6.159	1.9451	20.4134	1.94512
6400	-3.8100	-2.1494	5.1144	1.1937	6.246	1.9526	20.3325	1.95262
6500	-3.7688	-2.0999	5.1191	1.2038	6.332	1.9593	20.2410	1.95928
6600	-3.7308	-2.0540	5.1235	1.2140	6.417	1.9652	20.1400	1.96519
6700	-3.6957	-2.0112	5.1278	1.2232	6.498	1.9704	20.0318	1.97042
6800	-3.6629	-1.9710	5.1318	1.2312	6.576	1.9751	19.9187	1.97510
6900	-3.6321	-1.9328	5.1356	1.2380	6.649	1.9793	19.8022	1.97928
7000	-3.6026	-1.8963	5.1392	1.2430	6.717	1.9831	19.6846	1.98310
7100	-3.5744	-1.8612	5.1428	1.2464	6.780	1.9866	19.5670	1.98660
7200	-3.5470	-1.8269	5.1463	1.2478	6.837	1.9899	19.4509	1.98989
7300	-3.5201	-1.7934	5.1497	1.2472	6.889	1.9930	19.3375	1.99302
7400	-3.4934	-1.7601	5.1532	1.2453	6.935	1.9960	19.2277	1.99607
7500	-3.4669	-1.7271	5.1566	1.2424	6.979	1.9990	19.1220	1.99907
7600	-3.4403	-1.6941	5.1601	1.2388	7.021	2.0020	19.0215	2.00207
7700	-3.4135	-1.6610	5.1636	1.2343	7.059	2.0051	18.9262	2.00511
7800	-3.3864	-1.6277	5.1671	1.2295	7.096	2.0082	18.8365	2.00823
7900	-3.3590	-1.5940	5.1707	1.2245	7.133	2.0114	18.7528	2.01144
8000	-3.3312	-1.5600	5.1744	1.2196	7.169	2.0147	18.6752	2.01477
8100	-3.3027	-1.5257	5.1781	1.2148	7.206	2.0181	18.6034	2.01824
8200	-3.2742	-1.4908	5.1819	1.2103	7.243	2.0217	18.5374	2.02183
8300	-3.2451	-1.4556	5.1857	1.2058	7.281	2.0255	18.4772	2.02559
8400	-3.2154	-1.4199	5.1896	1.2014	7.318	2.0293	18.4228	2.02951
8500	-3.1853	-1.3838	5.1936	1.1976	7.357	2.0334	18.3739	2.03358
8600	-3.1548	-1.3473	5.1977	1.1941	7.397	2.0376	18.3304	2.03783
8700	-3.1238	-1.3104	5.2018	1.1907	7.437	2.0420	18.2921	2.04224
8800	-3.0925	-1.2731	5.2059	1.1878	7.479	2.0465	18.2585	2.04681
8900	-3.0608	-1.2356	5.2102	1.1852	7.522	2.0512	18.2297	2.05155
9000	-3.0288	-1.1977	5.2144	1.1825	7.564	2.0561	18.2053	2.05644
9100	-2.9965	-1.1596	5.2187	1.1802	7.608	2.0611	18.1847	2.06149
9200	-2.9640	-1.1212	5.2231	1.1782	7.653	2.0662	18.1686	2.06668
9300	-2.9313	-1.0826	5.2275	1.1763	7.698	2.0715	18.1560	2.07202

S/R= 63.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9400	-2.8983	-1.0439	5.2319	1.1747	7.744	2.0769	18.1467	2.07750
9500	-2.8653	-1.0051	5.2364	1.1733	7.791	2.0824	18.1405	2.08312
9600	-2.8321	-0.9662	5.2408	1.1721	7.838	2.0881	18.1374	2.08886
9700	-2.7988	-0.9273	5.2453	1.1709	7.886	2.0939	18.1370	2.09472
9800	-2.7655	-0.8883	5.2498	1.1698	7.934	2.0998	18.1390	2.10069
9900	-2.7322	-0.8493	5.2544	1.1689	7.983	2.1058	18.1435	2.10679
10000	-2.6989	-0.8104	5.2589	1.1683	8.032	2.1118	18.1503	2.11298
10100	-2.6656	-0.7715	5.2634	1.1677	8.082	2.1180	18.1589	2.11926
10200	-2.6324	-0.7327	5.2679	1.1671	8.132	2.1243	18.1694	2.12564
10300	-2.5993	-0.6941	5.2725	1.1667	8.182	2.1306	18.1814	2.13210
10400	-2.5662	-0.6555	5.2770	1.1665	8.234	2.1370	18.1950	2.13865
10500	-2.5333	-0.6172	5.2815	1.1661	8.284	2.1435	18.2100	2.14528
10600	-2.5006	-0.5790	5.2860	1.1658	8.335	2.1500	18.2261	2.15198
10700	-2.4679	-0.5409	5.2905	1.1657	8.387	2.1566	18.2433	2.15874
10800	-2.4355	-0.5031	5.2950	1.1657	8.439	2.1632	18.2617	2.16557
10900	-2.4033	-0.4656	5.2994	1.1657	8.491	2.1699	18.2808	2.17245
11000	-2.3712	-0.4282	5.3039	1.1657	8.543	2.1766	18.3007	2.17938
11100	-2.3394	-0.3911	5.3083	1.1659	8.596	2.1834	18.3213	2.18638
11200	-2.3077	-0.3542	5.3127	1.1661	8.649	2.1902	18.3425	2.19341
11300	-2.2764	-0.3176	5.3171	1.1660	8.701	2.1970	18.3643	2.20048
11400	-2.2452	-0.2813	5.3214	1.1663	8.754	2.2039	18.3865	2.20760
11500	-2.2143	-0.2452	5.3257	1.1667	8.807	2.2108	18.4092	2.21476
11600	-2.1836	-0.2094	5.3300	1.1669	8.860	2.2177	18.4321	2.22194
11700	-2.1532	-0.1739	5.3343	1.1673	8.913	2.2246	18.4553	2.22916
11800	-2.1231	-0.1387	5.3386	1.1676	8.966	2.2315	18.4786	2.23640
11900	-2.0932	-0.1038	5.3428	1.1678	9.019	2.2385	18.5022	2.24367
12000	-2.0635	-0.0692	5.3470	1.1683	9.073	2.2454	18.5260	2.25097
12100	-2.0342	-0.0349	5.3511	1.1687	9.126	2.2524	18.5498	2.25828
12200	-2.0051	-0.0009	5.3553	1.1693	9.181	2.2593	18.5736	2.26562
12300	-1.9763	0.0328	5.3594	1.1698	9.234	2.2663	18.5974	2.27296
12400	-1.9478	0.0662	5.3634	1.1700	9.287	2.2732	18.6212	2.28033
12500	-1.9195	0.0992	5.3675	1.1706	9.341	2.2802	18.6449	2.28771
12600	-1.8915	0.1320	5.3715	1.1712	9.395	2.2871	18.6686	2.29509
12700	-1.8638	0.1645	5.3755	1.1717	9.448	2.2941	18.6922	2.30249
12800	-1.8364	0.1966	5.3794	1.1721	9.501	2.3010	18.7157	2.30990
12900	-1.8092	0.2285	5.3833	1.1726	9.555	2.3079	18.7390	2.31732
13000	-1.7823	0.2600	5.3872	1.1731	9.608	2.3148	18.7620	2.32472
13100	-1.7557	0.2913	5.3911	1.1738	9.662	2.3217	18.7849	2.33215
13200	-1.7293	0.3222	5.3949	1.1744	9.716	2.3286	18.8075	2.33957
13300	-1.7032	0.3528	5.3987	1.1748	9.769	2.3355	18.8301	2.34699
13400	-1.6774	0.3832	5.4025	1.1755	9.822	2.3423	18.8523	2.35441
13500	-1.6519	0.4132	5.4062	1.1761	9.876	2.3491	18.8745	2.36184
13600	-1.6266	0.4430	5.4099	1.1765	9.929	2.3559	18.8963	2.36925
13700	-1.6015	0.4724	5.4136	1.1771	9.982	2.3627	18.9177	2.37667
13800	-1.5768	0.5016	5.4172	1.1781	10.037	2.3694	18.9391	2.38408
13900	-1.5523	0.5305	5.4209	1.1767	10.081	2.3762	18.9600	2.39148
14000	-1.5276	0.5594	5.4245	1.1789	10.141	2.3827	18.9826	2.39872
14100	-1.5040	0.5874	5.4280	1.1817	10.203	2.3895	19.0009	2.40627
14200	-1.4802	0.6154	5.4315	1.1803	10.248	2.3962	19.0211	2.41366
14300	-1.4567	0.6432	5.4350	1.1808	10.300	2.4028	19.0409	2.42103
14400	-1.4335	0.6707	5.4385	1.1814	10.353	2.4094	19.0603	2.42840
14500	-1.4104	0.6979	5.4419	1.1822	10.406	2.4159	19.0798	2.43576
14600	-1.3877	0.7248	5.4454	1.1829	10.459	2.4225	19.0985	2.44310
14700	-1.3651	0.7515	5.4487	1.1833	10.511	2.4290	19.1170	2.45043
14800	-1.3428	0.7779	5.4521	1.1839	10.564	2.4354	19.1353	2.45776

S/R= 63.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14900	-1.3207	0.8040	5.4554	1.1847	10.617	2.4419	19.1532	2.46506
15000	-1.2989	0.8299	5.4587	1.1850	10.668	2.4483	19.1708	2.47236

S/R= 64.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3900	-6.9565	-5.6153	4.8286	1.0803	4.113	1.5357	17.2806	1.53566
4000	-6.7320	-5.3728	4.8501	1.0813	4.202	1.5608	17.7018	1.56075
4100	-6.5186	-5.1418	4.8704	1.0834	4.292	1.5856	18.0963	1.58556
4200	-6.3163	-4.9224	4.8896	1.0856	4.381	1.6100	18.4631	1.61000
4300	-6.1241	-4.7135	4.9077	1.0879	4.471	1.6341	18.8047	1.63408
4400	-5.9425	-4.5157	4.9249	1.0903	4.560	1.6577	19.1186	1.65767
4500	-5.7701	-4.3275	4.9412	1.0929	4.649	1.6808	19.4088	1.68082
4600	-5.6074	-4.1494	4.9566	1.0956	4.738	1.7034	19.6730	1.70339
4700	-5.4536	-3.9808	4.9712	1.0984	4.826	1.7254	19.9130	1.72538
4800	-5.3085	-3.8211	4.9851	1.1013	4.914	1.7468	20.1297	1.74677
4900	-5.1717	-3.6703	4.9982	1.1043	5.001	1.7675	20.3230	1.76747
5000	-5.0426	-3.5276	5.0105	1.1078	5.088	1.7875	20.4952	1.78749
5100	-4.9222	-3.3939	5.0223	1.1118	5.176	1.8066	20.6409	1.80664
5200	-4.8096	-3.2685	5.0333	1.1158	5.262	1.8250	20.7635	1.82496
5300	-4.7044	-3.1508	5.0437	1.1202	5.348	1.8424	20.8640	1.84243
5400	-4.6067	-3.0411	5.0534	1.1251	5.434	1.8589	20.9411	1.85892
5500	-4.5159	-2.9388	5.0625	1.1305	5.521	1.8745	20.9962	1.87446
5600	-4.4324	-2.8442	5.0710	1.1366	5.607	1.8889	21.0278	1.88889
5700	-4.3555	-2.7565	5.0789	1.1433	5.694	1.9023	21.0380	1.90228
5800	-4.2852	-2.6758	5.0862	1.1507	5.781	1.9145	21.0265	1.91453
5900	-4.2209	-2.6016	5.0930	1.1592	5.869	1.9257	20.9953	1.92572
6000	-4.1626	-2.5338	5.0992	1.1688	5.958	1.9357	20.9437	1.93575
6100	-4.1099	-2.4718	5.1050	1.1791	6.048	1.9447	20.8749	1.94469
6200	-4.0620	-2.4152	5.1103	1.1899	6.137	1.9526	20.7905	1.95262
6300	-4.0186	-2.3633	5.1152	1.2014	6.228	1.9596	20.6924	1.95959
6400	-3.9792	-2.3156	5.1197	1.2125	6.316	1.9657	20.5825	1.96568
6500	-3.9429	-2.2714	5.1239	1.2230	6.401	1.9710	20.4648	1.97104
6600	-3.9093	-2.2301	5.1279	1.2326	6.483	1.9758	20.3409	1.97576
6700	-3.8778	-2.1912	5.1317	1.2402	6.559	1.9799	20.2129	1.97995
6800	-3.8480	-2.1542	5.1354	1.2457	6.629	1.9837	20.0837	1.98373
6900	-3.8194	-2.1185	5.1389	1.2492	6.693	1.9872	19.9545	1.98717
7000	-3.7917	-2.0838	5.1424	1.2506	6.750	1.9904	19.8272	1.99040
7100	-3.7644	-2.0497	5.1458	1.2501	6.802	1.9935	19.7031	1.99347
7200	-3.7375	-2.0160	5.1492	1.2476	6.848	1.9964	19.5832	1.99645
7300	-3.7105	-1.9824	5.1527	1.2438	6.890	1.9994	19.4684	1.99941
7400	-3.6834	-1.9488	5.1561	1.2392	6.929	2.0024	19.3592	2.00239
7500	-3.6560	-1.9149	5.1596	1.2341	6.967	2.0054	19.2564	2.00542
7600	-3.6282	-1.8807	5.1632	1.2286	7.003	2.0085	19.1602	2.00856
7700	-3.6000	-1.8461	5.1669	1.2228	7.038	2.0117	19.0705	2.01180
7800	-3.5712	-1.8109	5.1706	1.2173	7.073	2.0151	18.9879	2.01519
7900	-3.5418	-1.7753	5.1744	1.2118	7.109	2.0187	18.9120	2.01874
8000	-3.5119	-1.7391	5.1782	1.2065	7.145	2.0224	18.8430	2.02246
8100	-3.4814	-1.7024	5.1822	1.2018	7.182	2.0263	18.7804	2.02636
8200	-3.4503	-1.6651	5.1862	1.1973	7.220	2.0303	18.7244	2.03045
8300	-3.4187	-1.6273	5.1903	1.1932	7.259	2.0346	18.6746	2.03471
8400	-3.3865	-1.5890	5.1945	1.1893	7.298	2.0390	18.6308	2.03918
8500	-3.3539	-1.5502	5.1988	1.1857	7.339	2.0436	18.5930	2.04383
8600	-3.3207	-1.5110	5.2031	1.1826	7.381	2.0484	18.5606	2.04866
8700	-3.2872	-1.4713	5.2075	1.1797	7.424	2.0534	18.5331	2.05367

S/R= 64.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8800	-3.2533	-1.4314	5.2119	1.1772	7.468	2.0586	18.5107	2.05886
8900	-3.2190	-1.3911	5.2164	1.1749	7.512	2.0639	18.4929	2.06423
9000	-3.1845	-1.3505	5.2209	1.1727	7.557	2.0694	18.4795	2.06975
9100	-3.1496	-1.3097	5.2255	1.1709	7.604	2.0750	18.4699	2.07545
9200	-3.1146	-1.2688	5.2301	1.1694	7.651	2.0808	18.4640	2.08129
9300	-3.0795	-1.2277	5.2348	1.1679	7.698	2.0867	18.4615	2.08727
9400	-3.0441	-1.1865	5.2394	1.1666	7.747	2.0927	18.4625	2.09339
9500	-3.0088	-1.1452	5.2441	1.1656	7.796	2.0989	18.4662	2.09964
9600	-2.9733	-1.1039	5.2488	1.1645	7.845	2.1052	18.4726	2.10602
9700	-2.9379	-1.0626	5.2535	1.1637	7.895	2.1116	18.4817	2.11252
9800	-2.9024	-1.0214	5.2582	1.1631	7.946	2.1181	18.4927	2.11912
9900	-2.8670	-0.9803	5.2629	1.1625	7.996	2.1247	18.5059	2.12583
10000	-2.8317	-0.9392	5.2677	1.1621	8.048	2.1314	18.5211	2.13263
10100	-2.7965	-0.8983	5.2724	1.1616	8.099	2.1382	18.5378	2.13952
10200	-2.7614	-0.8575	5.2771	1.1613	8.151	2.1450	18.5561	2.14650
10300	-2.7265	-0.8169	5.2818	1.1612	8.204	2.1519	18.5756	2.15356
10400	-2.6917	-0.7766	5.2865	1.1611	8.257	2.1589	18.5966	2.16068
10500	-2.6571	-0.7364	5.2911	1.1611	8.310	2.1660	18.6184	2.16788
10600	-2.6227	-0.6965	5.2958	1.1609	8.362	2.1730	18.6414	2.17514
10700	-2.5885	-0.6568	5.3004	1.1609	8.415	2.1802	18.6652	2.18246
10800	-2.5545	-0.6173	5.3050	1.1610	8.469	2.1874	18.6897	2.18984
10900	-2.5208	-0.5782	5.3096	1.1613	8.523	2.1946	18.7147	2.19726
11000	-2.4874	-0.5394	5.3142	1.1615	8.577	2.2018	18.7404	2.20473
11100	-2.4542	-0.5008	5.3187	1.1618	8.631	2.2091	18.7665	2.21225
11200	-2.4212	-0.4625	5.3232	1.1620	8.685	2.2164	18.7932	2.21979
11300	-2.3886	-0.4246	5.3277	1.1622	8.739	2.2238	18.8199	2.22738
11400	-2.3562	-0.3870	5.3321	1.1626	8.793	2.2311	18.8470	2.23499
11500	-2.3241	-0.3496	5.3365	1.1630	8.848	2.2385	18.8742	2.24264
11600	-2.2923	-0.3127	5.3410	1.1634	8.903	2.2458	18.9015	2.25031
11700	-2.2608	-0.2760	5.3453	1.1639	8.958	2.2532	18.9291	2.25801
11800	-2.2297	-0.2397	5.3496	1.1643	9.012	2.2606	18.9566	2.26572
11900	-2.1988	-0.2037	5.3539	1.1646	9.066	2.2680	18.9841	2.27345
12000	-2.1681	-0.1681	5.3582	1.1653	9.122	2.2754	19.0116	2.28121
12100	-2.1379	-0.1328	5.3624	1.1657	9.176	2.2828	19.0389	2.28897
12200	-2.1079	-0.0978	5.3666	1.1664	9.231	2.2902	19.0663	2.29674
12300	-2.0782	-0.0632	5.3708	1.1669	9.286	2.2976	19.0933	2.30452
12400	-2.0488	-0.0289	5.3749	1.1672	9.340	2.3049	19.1204	2.31232
12500	-2.0197	0.0051	5.3790	1.1679	9.396	2.3123	19.1471	2.32012
12600	-1.9910	0.0387	5.3831	1.1686	9.451	2.3197	19.1738	2.32792
12700	-1.9625	0.0719	5.3871	1.1691	9.505	2.3270	19.2001	2.33574
12800	-1.9343	0.1049	5.3911	1.1697	9.560	2.3343	19.2261	2.34354
12900	-1.9065	0.1375	5.3951	1.1702	9.614	2.3416	19.2520	2.35135
13000	-1.8789	0.1698	5.3990	1.1708	9.669	2.3489	19.2772	2.35915
13100	-1.8516	0.2017	5.4029	1.1715	9.724	2.3562	19.3025	2.36696
13200	-1.8247	0.2333	5.4068	1.1721	9.778	2.3634	19.3275	2.37477
13300	-1.7980	0.2646	5.4106	1.1727	9.833	2.3706	19.3520	2.38256
13400	-1.7716	0.2956	5.4144	1.1736	9.889	2.3778	19.3764	2.39036
13500	-1.7455	0.3262	5.4181	1.1740	9.942	2.3850	19.4003	2.39814
13600	-1.7196	0.3566	5.4219	1.1746	9.996	2.3922	19.4238	2.40592
13700	-1.6941	0.3866	5.4255	1.1753	10.051	2.3993	19.4470	2.41369
13800	-1.6688	0.4163	5.4292	1.1762	10.107	2.4064	19.4698	2.42145
13900	-1.6438	0.4457	5.4329	1.1748	10.152	2.4134	19.4923	2.42920
14000	-1.6187	0.4752	5.4365	1.1772	10.213	2.4203	19.5166	2.43676
14100	-1.5946	0.5036	5.4401	1.1800	10.277	2.4275	19.5364	2.44467
14200	-1.5704	0.5321	5.4436	1.1787	10.323	2.4344	19.5577	2.45238

S/R= 64.0

T	LOG(RHO)	LJG(P)	LJG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14300	-1.5465	0.5603	5.4471	1.1793	10.376	2.4413	19.5787	2.46009
14400	-1.5228	0.5882	5.4506	1.1799	10.430	2.4482	19.5994	2.46777
14500	-1.4994	0.6159	5.4541	1.1808	10.484	2.4551	19.6198	2.47545
14600	-1.4763	0.6432	5.4575	1.1814	10.538	2.4619	19.6394	2.48310
14700	-1.4534	0.6703	5.4609	1.1818	10.590	2.4687	19.6592	2.49075
14800	-1.4307	0.6971	5.4643	1.1825	10.644	2.4755	19.6785	2.49837
14900	-1.4083	0.7236	5.4676	1.1835	10.699	2.4822	19.6973	2.50598
15000	-1.3861	0.7498	5.4709	1.1839	10.751	2.4889	19.7156	2.51357

S/R= 65.0

T	LOG(RHO)	LJG(P)	LJG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4000	-6.8165	-5.4504	4.8674	1.0824	4.237	1.5854	18.4206	1.58538
4100	-6.6026	-5.2190	4.8872	1.0834	4.325	1.6107	18.8125	1.61070
4200	-6.4033	-4.9995	4.9060	1.0857	4.416	1.6356	19.1749	1.63558
4300	-6.2085	-4.7910	4.9237	1.0882	4.507	1.6600	19.5108	1.66005
4400	-6.0276	-4.5939	4.9405	1.0907	4.597	1.6839	19.8174	1.68394
4500	-5.8564	-4.4070	4.9564	1.0934	4.687	1.7073	20.0988	1.70733
4600	-5.6952	-4.2305	4.9714	1.0963	4.776	1.7301	20.3525	1.73006
4700	-5.5435	-4.0639	4.9855	1.0993	4.865	1.7521	20.5800	1.75211
4800	-5.4008	-3.9068	4.9989	1.1025	4.954	1.7734	20.7820	1.77344
4900	-5.2668	-3.7589	5.0116	1.1059	5.042	1.7940	20.9595	1.79402
5000	-5.1411	-3.6197	5.0235	1.1098	5.130	1.8138	21.1132	1.81378
5100	-5.0245	-3.4900	5.0347	1.1142	5.218	1.8325	21.2382	1.83252
5200	-4.9161	-3.3690	5.0452	1.1189	5.306	1.8503	21.3380	1.85032
5300	-4.8158	-3.2565	5.0549	1.1242	5.393	1.8671	21.4128	1.86707
5400	-4.7234	-3.1523	5.0641	1.1300	5.481	1.8827	21.4621	1.88273
5500	-4.6385	-3.0561	5.0725	1.1366	5.569	1.8972	21.4868	1.89724
5600	-4.5612	-2.9680	5.0803	1.1442	5.658	1.9105	21.4859	1.91052
5700	-4.4909	-2.8873	5.0875	1.1526	5.747	1.9226	21.4618	1.92260
5800	-4.4274	-2.8138	5.0942	1.1620	5.837	1.9334	21.4153	1.93346
5900	-4.3700	-2.7468	5.1002	1.1727	5.929	1.9431	21.3483	1.94313
6000	-4.3187	-2.6863	5.1057	1.1845	6.023	1.9516	21.2611	1.95159
6100	-4.2724	-2.6312	5.1108	1.1968	6.116	1.9590	21.1586	1.95901
6200	-4.2307	-2.5810	5.1155	1.2093	6.208	1.9654	21.0425	1.96545
6300	-4.1928	-2.5349	5.1198	1.2217	6.298	1.9710	20.9156	1.97102
6400	-4.1581	-2.4923	5.1238	1.2326	6.384	1.9758	20.7805	1.97585
6500	-4.1259	-2.4524	5.1277	1.2414	6.464	1.9801	20.6414	1.98010
6600	-4.0955	-2.4146	5.1313	1.2485	6.538	1.9839	20.4999	1.98389
6700	-4.0665	-2.3783	5.1348	1.2525	6.604	1.9873	20.3584	1.98730
6800	-4.0384	-2.3431	5.1383	1.2539	6.662	1.9905	20.2190	1.99049
6900	-4.0109	-2.3086	5.1417	1.2532	6.714	1.9935	20.0833	1.99350
7000	-3.9836	-2.2744	5.1451	1.2504	6.760	1.9964	19.9523	1.99642
7100	-3.9563	-2.2403	5.1485	1.2460	6.801	1.9993	19.8272	1.99933
7200	-3.9287	-2.2060	5.1520	1.2405	6.838	2.0023	19.7087	2.00228
7300	-3.9007	-2.1714	5.1555	1.2344	6.874	2.0053	19.5972	2.00530
7400	-3.8723	-2.1363	5.1591	1.2282	6.909	2.0084	19.4932	2.00843
7500	-3.8432	-2.1008	5.1628	1.2218	6.943	2.0117	19.3969	2.01171
7600	-3.8135	-2.0645	5.1666	1.2154	6.977	2.0151	19.3085	2.01516
7700	-3.7831	-2.0277	5.1704	1.2093	7.011	2.0187	19.2277	2.01879
7800	-3.7520	-1.9901	5.1744	1.2036	7.047	2.0225	19.1549	2.02261
7900	-3.7202	-1.9519	5.1784	1.1983	7.083	2.0266	19.0893	2.02664
8000	-3.6876	-1.9130	5.1826	1.1935	7.121	2.0308	19.0313	2.03089
8100	-3.6545	-1.8735	5.1868	1.1891	7.160	2.0352	18.9803	2.03534
8200	-3.6206	-1.8334	5.1911	1.1849	7.199	2.0399	18.9359	2.04001

S/R= 65.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8300	-3.5862	-1.7926	5.1955	1.1811	7.240	2.0447	18.8980	2.04489
8400	-3.5512	-1.7514	5.2000	1.1778	7.282	2.0498	18.8665	2.04998
8500	-3.5158	-1.7097	5.2045	1.1749	7.326	2.0551	18.8406	2.05527
8600	-3.4798	-1.6675	5.2091	1.1723	7.370	2.0605	18.8201	2.06076
8700	-3.4435	-1.6250	5.2138	1.1698	7.415	2.0662	18.8045	2.06644
8800	-3.4069	-1.5822	5.2185	1.1677	7.462	2.0720	18.7939	2.07230
8900	-3.3699	-1.5391	5.2233	1.1659	7.509	2.0780	18.7874	2.07834
9000	-3.3327	-1.4957	5.2281	1.1642	7.557	2.0841	18.7852	2.08454
9100	-3.2954	-1.4522	5.2329	1.1628	7.605	2.0904	18.7866	2.09090
9200	-3.2578	-1.4086	5.2377	1.1617	7.655	2.0969	18.7914	2.09741
9300	-3.2202	-1.3650	5.2426	1.1605	7.705	2.1034	18.7995	2.10406
9400	-3.1826	-1.3213	5.2475	1.1595	7.755	2.1101	18.8103	2.11083
9500	-3.1449	-1.2776	5.2524	1.1588	7.807	2.1170	18.8237	2.11774
9600	-3.1072	-1.2339	5.2573	1.1581	7.858	2.1239	18.8395	2.12476
9700	-3.0696	-1.1904	5.2623	1.1576	7.910	2.1309	18.8575	2.13189
9800	-3.0321	-1.1470	5.2672	1.1573	7.963	2.1381	18.8774	2.13911
9900	-2.9947	-1.1037	5.2721	1.1569	8.016	2.1453	18.8989	2.14645
10000	-2.9574	-1.0606	5.2770	1.1566	8.069	2.1526	18.9223	2.15386
10100	-2.9204	-1.0178	5.2819	1.1564	8.122	2.1599	18.9466	2.16136
10200	-2.8835	-0.9751	5.2867	1.1564	8.176	2.1674	18.9724	2.16893
10300	-2.8468	-0.9327	5.2916	1.1565	8.231	2.1748	18.9991	2.17657
10400	-2.8104	-0.8906	5.2964	1.1564	8.285	2.1824	19.0269	2.18427
10500	-2.7742	-0.8487	5.3012	1.1566	8.339	2.1900	19.0554	2.19203
10600	-2.7382	-0.8071	5.3060	1.1568	8.394	2.1976	19.0845	2.19985
10700	-2.7026	-0.7659	5.3107	1.1569	8.449	2.2053	19.1144	2.20771
10800	-2.6672	-0.7249	5.3155	1.1571	8.504	2.2130	19.1447	2.21563
10900	-2.6321	-0.6843	5.3202	1.1574	8.560	2.2208	19.1754	2.22357
11000	-2.5974	-0.6441	5.3248	1.1578	8.615	2.2285	19.2063	2.23157
11100	-2.5629	-0.6042	5.3295	1.1582	8.671	2.2363	19.2375	2.23960
11200	-2.5287	-0.5646	5.3341	1.1586	8.726	2.2441	19.2688	2.24764
11300	-2.4949	-0.5254	5.3386	1.1590	8.782	2.2519	19.3003	2.25572
11400	-2.4614	-0.4866	5.3432	1.1594	8.838	2.2597	19.3317	2.26382
11500	-2.4282	-0.4481	5.3477	1.1599	8.894	2.2676	19.3635	2.27195
11600	-2.3954	-0.4100	5.3521	1.1604	8.949	2.2754	19.3947	2.28009
11700	-2.3629	-0.3723	5.3566	1.1609	9.006	2.2833	19.4261	2.28825
11800	-2.3308	-0.3350	5.3610	1.1616	9.062	2.2911	19.4573	2.29642
11900	-2.2990	-0.2980	5.3653	1.1620	9.117	2.2989	19.4884	2.30460
12000	-2.2674	-0.2614	5.3696	1.1626	9.173	2.3067	19.5192	2.31280
12100	-2.2363	-0.2252	5.3739	1.1631	9.229	2.3146	19.5497	2.32099
12200	-2.2055	-0.1893	5.3782	1.1638	9.286	2.3224	19.5802	2.32919
12300	-2.1750	-0.1539	5.3824	1.1645	9.342	2.3302	19.6101	2.33740
12400	-2.1449	-0.1188	5.3866	1.1650	9.398	2.3379	19.6399	2.34560
12500	-2.1151	-0.0840	5.3907	1.1657	9.454	2.3457	19.6694	2.35381
12600	-2.0856	-0.0497	5.3948	1.1664	9.510	2.3534	19.6984	2.36202
12700	-2.0565	-0.0157	5.3989	1.1668	9.565	2.3612	19.7271	2.37022
12800	-2.0276	0.0180	5.4029	1.1676	9.622	2.3689	19.7556	2.37842
12900	-1.9991	0.0513	5.4069	1.1683	9.678	2.3766	19.7838	2.38662
13000	-1.9709	0.0842	5.4109	1.1688	9.733	2.3842	19.8112	2.39480
13100	-1.9431	0.1167	5.4148	1.1696	9.790	2.3918	19.8383	2.40298
13200	-1.9156	0.1490	5.4187	1.1702	9.845	2.3994	19.8651	2.41115
13300	-1.8883	0.1808	5.4225	1.1709	9.901	2.4070	19.8915	2.41931
13400	-1.8614	0.2124	5.4263	1.1718	9.957	2.4146	19.9173	2.42746
13500	-1.8348	0.2436	5.4301	1.1723	10.012	2.4221	19.9430	2.43560
13600	-1.8085	0.2745	5.4339	1.1728	10.067	2.4296	19.9682	2.44373
13700	-1.7825	0.3050	5.4376	1.1738	10.123	2.4370	19.9926	2.45184



S/R= 65.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13800	-1.7567	0.3352	5.4413	1.1748	10.180	2.4444	20.0169	2.45994
13900	-1.7313	0.3650	5.4449	1.1733	10.226	2.4518	20.0407	2.46802
14000	-1.7058	0.3950	5.4486	1.1758	10.288	2.4590	20.0662	2.47589
14100	-1.6813	0.4238	5.4521	1.1787	10.353	2.4665	20.0868	2.48413
14200	-1.6568	0.4527	5.4557	1.1773	10.399	2.4738	20.1093	2.49217
14300	-1.6325	0.4814	5.4592	1.1779	10.454	2.4810	20.1315	2.50019
14400	-1.6084	0.5097	5.4627	1.1786	10.508	2.4882	20.1532	2.50819
14500	-1.5847	0.5377	5.4662	1.1796	10.565	2.4954	20.1744	2.51617
14600	-1.5612	0.5654	5.4696	1.1803	10.619	2.5025	20.1948	2.52412
14700	-1.5380	0.5928	5.4730	1.1807	10.672	2.5096	20.2152	2.53206
14800	-1.5150	0.6199	5.4764	1.1816	10.728	2.5166	20.2351	2.53997
14900	-1.4923	0.6468	5.4797	1.1825	10.783	2.5236	20.2544	2.54787
15000	-1.4699	0.6733	5.4830	1.1829	10.836	2.5306	20.2733	2.55574

S/R= 66.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4000	-6.8991	-5.5263	4.8840	1.0824	4.270	1.6101	19.1415	1.61009
4100	-6.6852	-5.2948	4.9035	1.0835	4.359	1.6359	19.5290	1.63586
4200	-6.4832	-5.0757	4.9218	1.0859	4.451	1.6611	19.8858	1.66113
4300	-6.2922	-4.8681	4.9391	1.0885	4.543	1.6859	20.2141	1.68591
4400	-6.1126	-4.6723	4.9554	1.0912	4.634	1.7100	20.5114	1.71003
4500	-5.9431	-4.4871	4.9709	1.0941	4.724	1.7336	20.7816	1.73356
4600	-5.7841	-4.3128	4.9854	1.0972	4.815	1.7563	21.0220	1.75633
4700	-5.6349	-4.1489	4.9991	1.1005	4.904	1.7783	21.2346	1.77834
4800	-5.4952	-3.9950	5.0121	1.1041	4.994	1.7995	21.4198	1.79951
4900	-5.3649	-3.8508	5.0242	1.1079	5.083	1.8198	21.5771	1.81977
5000	-5.2434	-3.7159	5.0356	1.1123	5.172	1.8391	21.7084	1.83908
5100	-5.1314	-3.5911	5.0462	1.1175	5.261	1.8572	21.8084	1.85722
5200	-5.0284	-3.4757	5.0561	1.1231	5.350	1.8742	21.8804	1.87424
5300	-4.9339	-3.3693	5.0652	1.1294	5.439	1.8901	21.9247	1.89007
5400	-4.8479	-3.2718	5.0735	1.1367	5.529	1.9046	21.9409	1.90460
5500	-4.7698	-3.1828	5.0814	1.1450	5.620	1.9178	21.9304	1.91784
5600	-4.6998	-3.1022	5.0885	1.1546	5.712	1.9297	21.8924	1.92968
5700	-4.6368	-3.0293	5.0949	1.1653	5.805	1.9402	21.8305	1.94023
5800	-4.5807	-2.9635	5.1008	1.1772	5.900	1.9495	21.7459	1.94948
5900	-4.5306	-2.9042	5.1061	1.1903	5.996	1.9575	21.6412	1.95751
6000	-4.4860	-2.8507	5.1110	1.2043	6.092	1.9644	21.5195	1.96441
6100	-4.4459	-2.8021	5.1154	1.2180	6.187	1.9703	21.3851	1.97033
6200	-4.4095	-2.7576	5.1196	1.2308	6.278	1.9754	21.2409	1.97540
6300	-4.3762	-2.7164	5.1234	1.2419	6.365	1.9798	21.0901	1.97979
6400	-4.3451	-2.6776	5.1271	1.2502	6.442	1.9836	20.9361	1.98361
6500	-4.3156	-2.6406	5.1306	1.2554	6.511	1.9870	20.7816	1.98705
6600	-4.2871	-2.6048	5.1340	1.2577	6.573	1.9902	20.6295	1.99020
6700	-4.2593	-2.5698	5.1374	1.2569	6.625	1.9932	20.4807	1.99316
6800	-4.2317	-2.5352	5.1408	1.2537	6.671	1.9960	20.3375	1.99604
6900	-4.2041	-2.5006	5.1442	1.2489	6.712	1.9989	20.2008	1.99889
7000	-4.1761	-2.4657	5.1477	1.2427	6.748	2.0018	20.0717	2.00179
7100	-4.1477	-2.4305	5.1512	1.2357	6.782	2.0048	19.9503	2.00479
7200	-4.1186	-2.3947	5.1548	1.2285	6.815	2.0079	19.8375	2.00791
7300	-4.0888	-2.3582	5.1585	1.2214	6.848	2.0112	19.7333	2.01120
7400	-4.0583	-2.3210	5.1623	1.2144	6.881	2.0146	19.6381	2.01468
7500	-4.0269	-2.2830	5.1662	1.2077	6.914	2.0183	19.5515	2.01837
7600	-3.9946	-2.2441	5.1703	1.2013	6.948	2.0222	19.4740	2.02228
7700	-3.9615	-2.2044	5.1744	1.1954	6.984	2.0264	19.4047	2.02643

S/R= 66.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7800	-3.9276	-2.1640	5.1786	1.1901	7.021	2.0307	19.3437	2.03082
7900	-3.8928	-2.1227	5.1830	1.1853	7.060	2.0354	19.2907	2.03545
8000	-3.8573	-2.0807	5.1874	1.1810	7.100	2.0402	19.2454	2.04031
8100	-3.8212	-2.0381	5.1919	1.1771	7.141	2.0453	19.2071	2.04541
8200	-3.7843	-1.9948	5.1966	1.1735	7.183	2.0506	19.1758	2.05075
8300	-3.7469	-1.9509	5.2013	1.1704	7.227	2.0561	19.1510	2.05630
8400	-3.7089	-1.9065	5.2060	1.1676	7.272	2.0619	19.1322	2.06209
8500	-3.6705	-1.8617	5.2109	1.1652	7.318	2.0678	19.1190	2.06808
8600	-3.6317	-1.8165	5.2158	1.1632	7.366	2.0740	19.1110	2.07426
8700	-3.5925	-1.7710	5.2207	1.1611	7.413	2.0803	19.1076	2.08064
8800	-3.5530	-1.7252	5.2257	1.1594	7.462	2.0868	19.1088	2.08720
8900	-3.5134	-1.6793	5.2307	1.1582	7.512	2.0935	19.1142	2.09394
9000	-3.4736	-1.6332	5.2358	1.1568	7.562	2.1004	19.1231	2.10083
9100	-3.4336	-1.5870	5.2409	1.1558	7.613	2.1073	19.1354	2.10788
9200	-3.3936	-1.5408	5.2460	1.1550	7.665	2.1145	19.1508	2.11506
9300	-3.3536	-1.4946	5.2511	1.1540	7.717	2.1217	19.1690	2.12238
9400	-3.3136	-1.4485	5.2562	1.1535	7.770	2.1291	19.1895	2.12982
9500	-3.2737	-1.4024	5.2613	1.1531	7.823	2.1366	19.2123	2.13738
9600	-3.2339	-1.3565	5.2664	1.1527	7.877	2.1441	19.2373	2.14504
9700	-3.1943	-1.3108	5.2715	1.1524	7.931	2.1518	19.2639	2.15281
9800	-3.1548	-1.2653	5.2766	1.1522	7.985	2.1595	19.2921	2.16066
9900	-3.1154	-1.2200	5.2817	1.1520	8.040	2.1673	19.3216	2.16860
10000	-3.0763	-1.1750	5.2867	1.1520	8.095	2.1752	19.3524	2.17662
10100	-3.0375	-1.1303	5.2918	1.1521	8.151	2.1832	19.3842	2.18470
10200	-2.9989	-1.0858	5.2968	1.1522	8.206	2.1912	19.4170	2.19285
10300	-2.9607	-1.0417	5.3018	1.1524	8.262	2.1993	19.4503	2.20106
10400	-2.9226	-0.9979	5.3067	1.1525	8.318	2.2074	19.4845	2.20933
10500	-2.8850	-0.9545	5.3116	1.1528	8.374	2.2155	19.5190	2.21764
10600	-2.8476	-0.9114	5.3165	1.1532	8.431	2.2237	19.5540	2.22600
10700	-2.8106	-0.8686	5.3214	1.1535	8.487	2.2319	19.5895	2.23439
10800	-2.7738	-0.8263	5.3262	1.1538	8.544	2.2401	19.6251	2.24283
10900	-2.7375	-0.7844	5.3310	1.1542	8.600	2.2483	19.6607	2.25129
11000	-2.7015	-0.7428	5.3358	1.1547	8.657	2.2566	19.6964	2.25979
11100	-2.6659	-0.7017	5.3405	1.1551	8.714	2.2649	19.7323	2.26831
11200	-2.6306	-0.6609	5.3452	1.1556	8.771	2.2731	19.7681	2.27685
11300	-2.5957	-0.6206	5.3498	1.1562	8.829	2.2814	19.8038	2.28541
11400	-2.5612	-0.5807	5.3544	1.1566	8.885	2.2897	19.8392	2.29398
11500	-2.5270	-0.5411	5.3590	1.1572	8.943	2.2980	19.8745	2.30257
11600	-2.4933	-0.5020	5.3635	1.1579	9.000	2.3063	19.9095	2.31116
11700	-2.4598	-0.4633	5.3680	1.1584	9.057	2.3146	19.9445	2.31977
11800	-2.4268	-0.4251	5.3725	1.1592	9.115	2.3228	19.9788	2.32838
11900	-2.3942	-0.3872	5.3769	1.1597	9.172	2.3311	20.0132	2.33700
12000	-2.3618	-0.3497	5.3812	1.1603	9.229	2.3393	20.0469	2.34561
12100	-2.3299	-0.3127	5.3856	1.1610	9.287	2.3476	20.0804	2.35423
12200	-2.2984	-0.2760	5.3898	1.1616	9.344	2.3558	20.1134	2.36284
12300	-2.2672	-0.2398	5.3941	1.1624	9.401	2.3640	20.1460	2.37146
12400	-2.2364	-0.2039	5.3983	1.1630	9.458	2.3721	20.1783	2.38007
12500	-2.2059	-0.1685	5.4025	1.1637	9.515	2.3803	20.2101	2.38867
12600	-2.1758	-0.1334	5.4066	1.1644	9.573	2.3884	20.2413	2.39727
12700	-2.1460	-0.0988	5.4107	1.1650	9.629	2.3965	20.2719	2.40585
12800	-2.1166	-0.0645	5.4148	1.1659	9.687	2.4046	20.3024	2.41443
12900	-2.0875	-0.0306	5.4189	1.1666	9.744	2.4126	20.3321	2.42299
13000	-2.0588	0.0029	5.4228	1.1672	9.801	2.4206	20.3615	2.43155
13100	-2.0304	0.0360	5.4267	1.1680	9.858	2.4286	20.3905	2.44009
13200	-2.0024	0.0688	5.4306	1.1686	9.914	2.4366	20.4191	2.44862

S/R= 66.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13300	-1.9747	0.1012	5.4345	1.1694	9.971	2.4445	20.4468	2.45713
13400	-1.9473	0.1332	5.4383	1.1703	10.028	2.4524	20.4739	2.46562
13500	-1.9202	0.1649	5.4421	1.1709	10.084	2.4602	20.5009	2.47409
13600	-1.8935	0.1963	5.4459	1.1715	10.140	2.4680	20.5274	2.48255
13700	-1.8671	0.2272	5.4496	1.1725	10.198	2.4758	20.5530	2.49099
13800	-1.8409	0.2579	5.4533	1.1734	10.255	2.4835	20.5784	2.49942
13900	-1.8151	0.2882	5.4570	1.1719	10.301	2.4912	20.6033	2.50782
14000	-1.7892	0.3185	5.4606	1.1747	10.366	2.4987	20.6298	2.51599
14100	-1.7644	0.3477	5.4642	1.1775	10.432	2.5065	20.6513	2.52456
14200	-1.7395	0.3770	5.4677	1.1762	10.479	2.5141	20.6745	2.53290
14300	-1.7149	0.4060	5.4713	1.1769	10.535	2.5216	20.6973	2.54122
14400	-1.6905	0.4346	5.4747	1.1776	10.590	2.5291	20.7197	2.54952
14500	-1.6665	0.4630	5.4782	1.1786	10.647	2.5366	20.7415	2.55779
14600	-1.6427	0.4910	5.4816	1.1792	10.702	2.5440	20.7626	2.56603
14700	-1.6192	0.5187	5.4850	1.1798	10.757	2.5513	20.7836	2.57426
14800	-1.5960	0.5461	5.4884	1.1808	10.813	2.5587	20.8041	2.58246
14900	-1.5730	0.5732	5.4917	1.1816	10.869	2.5659	20.8238	2.59063
15000	-1.5504	0.6000	5.4951	1.1822	10.923	2.5732	20.8429	2.59877

S/R= 67.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4000	-6.9803	-5.6009	4.9001	1.0825	4.302	1.6348	19.8627	1.63481
4100	-6.7668	-5.3698	4.9191	1.0837	4.393	1.6610	20.2445	1.66098
4200	-6.5657	-5.1516	4.9370	1.0863	4.486	1.6866	20.5933	1.68655
4300	-6.3760	-4.9453	4.9539	1.0890	4.578	1.7116	20.9121	1.71157
4400	-6.1981	-4.7513	4.9697	1.0919	4.670	1.7358	21.1978	1.73584
4500	-6.0308	-4.5684	4.9847	1.0950	4.761	1.7594	21.4545	1.75942
4600	-5.8745	-4.3970	4.9988	1.0984	4.852	1.7821	21.6794	1.78212
4700	-5.7286	-4.2365	5.0120	1.1021	4.943	1.8039	21.8737	1.80393
4800	-5.5929	-4.0866	5.0244	1.1061	5.033	1.8247	22.0375	1.82475
4900	-5.4670	-3.9471	5.0360	1.1105	5.123	1.8445	22.1710	1.84452
5000	-5.3506	-3.8175	5.0468	1.1157	5.213	1.8632	22.2752	1.86317
5100	-5.2444	-3.6988	5.0568	1.1219	5.304	1.8805	22.3454	1.88047
5200	-5.1478	-3.5900	5.0659	1.1287	5.395	1.8965	22.3844	1.89645
5300	-5.0603	-3.4909	5.0744	1.1367	5.487	1.9111	22.3927	1.91106
5400	-4.9817	-3.4012	5.0821	1.1458	5.580	1.9242	22.3707	1.92420
5500	-4.9115	-3.3204	5.0891	1.1564	5.674	1.9359	22.3199	1.93589
5600	-4.8493	-3.2481	5.0954	1.1686	5.771	1.9461	22.2413	1.94610
5700	-4.7942	-3.1834	5.1010	1.1822	5.869	1.9550	22.1393	1.95495
5800	-4.7456	-3.1256	5.1062	1.1968	5.969	1.9625	22.0159	1.96250
5900	-4.7024	-3.0735	5.1108	1.2119	6.068	1.9689	21.8761	1.96894
6000	-4.6638	-3.0264	5.1151	1.2270	6.165	1.9744	21.7228	1.97436
6100	-4.6289	-2.9833	5.1190	1.2402	6.257	1.9790	21.5614	1.97898
6200	-4.5967	-2.9431	5.1227	1.2508	6.341	1.9830	21.3952	1.98295
6300	-4.5665	-2.9052	5.1262	1.2580	6.416	1.9864	21.2276	1.98644
6400	-4.5376	-2.8688	5.1297	1.2613	6.481	1.9896	21.0614	1.98959
6500	-4.5095	-2.8333	5.1330	1.2612	6.536	1.9925	20.8989	1.99253
6600	-4.4817	-2.7982	5.1364	1.2581	6.582	1.9953	20.7420	1.99535
6700	-4.4538	-2.7632	5.1398	1.2528	6.622	1.9981	20.5921	1.99814
6800	-4.4255	-2.7279	5.1432	1.2459	6.658	2.0010	20.4506	2.00099
6900	-4.3967	-2.6922	5.1467	1.2382	6.691	2.0039	20.3178	2.00393
7000	-4.3672	-2.6557	5.1503	1.2302	6.723	2.0070	20.1945	2.00702
7100	-4.3368	-2.6184	5.1541	1.2219	6.753	2.0103	20.0814	2.01030
7200	-4.3055	-2.5803	5.1579	1.2141	6.785	2.0138	19.9780	2.01380

S/R= 67.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	4/RT	Z*
7300	-4.2732	-2.5412	5.1618	1.2067	6.817	2.0175	19.8845	2.01752
7400	-4.2399	-2.5012	5.1659	1.1996	6.850	2.0215	19.8008	2.02150
7500	-4.2056	-2.4601	5.1701	1.1934	6.886	2.0257	19.7267	2.02574
7600	-4.1703	-2.4181	5.1744	1.1876	6.922	2.0302	19.6521	2.03024
7700	-4.1341	-2.3752	5.1789	1.1822	6.960	2.0349	19.6062	2.03501
7800	-4.0970	-2.3314	5.1834	1.1775	7.000	2.0400	19.5590	2.04006
7900	-4.0590	-2.2868	5.1881	1.1734	7.041	2.0453	19.5200	2.04536
8000	-4.0203	-2.2414	5.1929	1.1697	7.084	2.0508	19.4885	2.05092
8100	-3.9809	-2.1954	5.1977	1.1664	7.128	2.0566	19.4543	2.05674
8200	-3.9408	-2.1487	5.2027	1.1635	7.174	2.0626	19.4469	2.06280
8300	-3.9002	-2.1016	5.2077	1.1609	7.220	2.0689	19.4355	2.06908
8400	-3.8592	-2.0540	5.2128	1.1587	7.268	2.0754	19.4300	2.07559
8500	-3.8177	-2.0060	5.2179	1.1568	7.317	2.0820	19.4298	2.08231
8600	-3.7760	-1.9577	5.2231	1.1551	7.366	2.0889	19.4344	2.08922
8700	-3.7339	-1.9092	5.2283	1.1536	7.417	2.0960	19.4434	2.09633
8800	-3.6917	-1.8605	5.2335	1.1524	7.468	2.1032	19.4563	2.10360
8900	-3.6494	-1.8117	5.2388	1.1515	7.521	2.1106	19.4731	2.11104
9000	-3.6070	-1.7629	5.2441	1.1505	7.573	2.1181	19.4930	2.11863
9100	-3.5645	-1.7141	5.2494	1.1497	7.626	2.1258	19.5159	2.12637
9200	-3.5221	-1.6654	5.2547	1.1492	7.680	2.1336	19.5416	2.13423
9300	-3.4798	-1.6167	5.2601	1.1487	7.735	2.1415	19.5694	2.14222
9400	-3.4376	-1.5683	5.2654	1.1484	7.790	2.1495	19.5995	2.15032
9500	-3.3956	-1.5200	5.2707	1.1482	7.845	2.1576	19.6312	2.15852
9600	-3.3537	-1.4720	5.2760	1.1480	7.900	2.1658	19.6646	2.16681
9700	-3.3121	-1.4242	5.2812	1.1479	7.956	2.1741	19.6993	2.17521
9800	-3.2707	-1.3767	5.2865	1.1479	8.013	2.1825	19.7353	2.18366
9900	-3.2296	-1.3295	5.2917	1.1479	8.069	2.1909	19.7724	2.19221
10000	-3.1888	-1.2827	5.2969	1.1482	8.126	2.1994	19.8104	2.20081
10100	-3.1483	-1.2362	5.3021	1.1484	8.183	2.2079	19.8487	2.20947
10200	-3.1082	-1.1900	5.3072	1.1486	8.240	2.2165	19.8880	2.21819
10300	-3.0684	-1.1443	5.3123	1.1489	8.298	2.2251	19.9275	2.22695
10400	-3.0289	-1.0990	5.3174	1.1492	8.355	2.2337	19.9676	2.23577
10500	-2.9898	-1.0541	5.3224	1.1496	8.413	2.2424	20.0077	2.24462
10600	-2.9512	-1.0096	5.3274	1.1500	8.471	2.2511	20.0480	2.25350
10700	-2.9128	-0.9655	5.3323	1.1505	8.529	2.2598	20.0884	2.26241
10800	-2.8749	-0.9219	5.3372	1.1510	8.587	2.2685	20.1290	2.27136
10900	-2.8374	-0.8787	5.3421	1.1514	8.645	2.2772	20.1690	2.28031
11000	-2.8003	-0.8360	5.3469	1.1519	8.703	2.2860	20.2092	2.28929
11100	-2.7636	-0.7937	5.3517	1.1526	8.762	2.2947	20.2492	2.29830
11200	-2.7273	-0.7519	5.3565	1.1531	8.820	2.3035	20.2889	2.30730
11300	-2.6915	-0.7105	5.3612	1.1538	8.879	2.3122	20.3282	2.31633
11400	-2.6560	-0.6696	5.3658	1.1543	8.937	2.3209	20.3672	2.32535
11500	-2.6209	-0.6291	5.3705	1.1550	8.995	2.3297	20.4060	2.33440
11600	-2.5863	-0.5891	5.3750	1.1557	9.054	2.3384	20.4444	2.34343
11700	-2.5520	-0.5495	5.3796	1.1563	9.112	2.3471	20.4821	2.35247
11800	-2.5182	-0.5104	5.3840	1.1571	9.171	2.3558	20.5195	2.36150
11900	-2.4848	-0.4717	5.3885	1.1577	9.229	2.3644	20.5565	2.37054
12000	-2.4517	-0.4334	5.3929	1.1583	9.288	2.3731	20.5929	2.37957
12100	-2.4191	-0.3956	5.3973	1.1591	9.346	2.3817	20.6288	2.38859
12200	-2.3869	-0.3582	5.4015	1.1598	9.405	2.3903	20.6643	2.39761
12300	-2.3551	-0.3213	5.4059	1.1606	9.463	2.3989	20.6990	2.40661
12400	-2.3236	-0.2848	5.4101	1.1614	9.521	2.4074	20.7334	2.41561
12500	-2.2926	-0.2487	5.4143	1.1620	9.579	2.4159	20.7670	2.42458
12600	-2.2619	-0.2130	5.4184	1.1628	9.638	2.4244	20.8002	2.43356
12700	-2.2315	-0.1778	5.4226	1.1634	9.696	2.4329	20.8329	2.44252

S/R= 67.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12800	-2.2016	-0.1429	5.4266	1.1643	9.754	2.4413	20.8650	2.45146
12900	-2.1720	-0.1085	5.4307	1.1652	9.813	2.4497	20.8963	2.46038
13000	-2.1428	-0.0744	5.4347	1.1659	9.870	2.4581	20.9272	2.46929
13100	-2.1140	-0.0408	5.4386	1.1667	9.928	2.4664	20.9573	2.47817
13200	-2.0855	-0.0076	5.4425	1.1673	9.986	2.4747	20.9871	2.48704
13300	-2.0574	0.0253	5.4464	1.1681	10.044	2.4829	21.0162	2.49589
13400	-2.0296	0.0578	5.4502	1.1690	10.102	2.4911	21.0447	2.50471
13500	-2.0021	0.0899	5.4541	1.1697	10.159	2.4993	21.0727	2.51352
13600	-1.9750	0.1217	5.4578	1.1704	10.216	2.5074	21.1000	2.52230
13700	-1.9482	0.1530	5.4616	1.1713	10.274	2.5155	21.1265	2.53106
13800	-1.9217	0.1843	5.4652	1.1722	10.332	2.5235	21.1528	2.53979
13900	-1.8956	0.2147	5.4689	1.1708	10.380	2.5315	21.1782	2.54850
14000	-1.8693	0.2454	5.4725	1.1738	10.446	2.5393	21.2056	2.55695
14100	-1.8443	0.2749	5.4761	1.1767	10.513	2.5474	21.2279	2.56584
14200	-1.8190	0.3045	5.4797	1.1752	10.560	2.5553	21.2518	2.57448
14300	-1.7941	0.3338	5.4832	1.1761	10.617	2.5631	21.2751	2.58309
14400	-1.7695	0.3628	5.4867	1.1768	10.674	2.5709	21.2979	2.59167
14500	-1.7452	0.3914	5.4902	1.1778	10.731	2.5786	21.3200	2.60022
14600	-1.7212	0.4196	5.4935	1.1785	10.787	2.5863	21.3415	2.60874
14700	-1.6975	0.4476	5.4970	1.1792	10.843	2.5939	21.3524	2.61724
14800	-1.6740	0.4753	5.5003	1.1801	10.900	2.6015	21.3832	2.62571
14900	-1.6509	0.5027	5.5037	1.1809	10.957	2.6091	21.4033	2.63415
15000	-1.6280	0.5297	5.5070	1.1815	11.012	2.6165	21.4229	2.64255

S/R= 68.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4100	-6.8479	-5.4444	4.9341	1.0854	4.429	1.6860	20.9572	1.68599
4200	-6.6481	-5.2275	4.9516	1.0867	4.520	1.7118	21.2964	1.71182
4300	-6.4602	-5.0231	4.9680	1.0897	4.613	1.7370	21.6031	1.73698
4400	-6.2846	-4.8315	4.9834	1.0928	4.706	1.7613	21.8750	1.76129
4500	-6.1203	-4.6516	4.9979	1.0961	4.798	1.7848	22.1149	1.78479
4600	-5.9675	-4.4839	5.0115	1.1000	4.890	1.8073	22.3203	1.80727
4700	-5.8257	-4.3276	5.0241	1.1041	4.982	1.8287	22.4922	1.82871
4800	-5.6947	-4.1827	5.0359	1.1088	5.073	1.8490	22.6309	1.84901
4900	-5.5744	-4.0489	5.0469	1.1140	5.164	1.8680	22.7356	1.86805
5000	-5.4642	-3.9259	5.0570	1.1203	5.256	1.8858	22.8073	1.88579
5100	-5.3649	-3.8143	5.0663	1.1278	5.349	1.9020	22.8420	1.90197
5200	-5.2759	-3.7135	5.0747	1.1364	5.442	1.9166	22.8421	1.91662
5300	-5.1964	-3.6227	5.0824	1.1465	5.537	1.9297	22.8094	1.92973
5400	-5.1262	-3.5419	5.0893	1.1584	5.635	1.9412	22.7440	1.94121
5500	-5.0645	-3.4700	5.0954	1.1720	5.735	1.9512	22.6501	1.95116
5600	-5.0106	-3.4064	5.1009	1.1873	5.837	1.9596	22.5295	1.95960
5700	-4.9633	-3.3498	5.1059	1.2037	5.940	1.9667	22.3877	1.96672
5800	-4.9216	-3.2992	5.1103	1.2202	6.042	1.9727	22.2287	1.97267
5900	-4.8843	-3.2535	5.1144	1.2359	6.141	1.9777	22.0581	1.97767
6000	-4.8506	-3.2115	5.1182	1.2494	6.233	1.9819	21.8797	1.98187
6100	-4.8194	-3.1723	5.1218	1.2591	6.315	1.9855	21.6984	1.98550
6200	-4.7899	-3.1351	5.1252	1.2646	6.386	1.9887	21.5177	1.98870
6300	-4.7614	-3.0990	5.1285	1.2659	6.445	1.9916	21.3402	1.99163
6400	-4.7333	-3.0635	5.1319	1.2633	6.494	1.9944	21.1584	1.99441
6500	-4.7053	-3.0281	5.1352	1.2579	6.535	1.9971	21.0042	1.99714
6600	-4.6769	-2.9924	5.1386	1.2505	6.570	1.9999	20.8486	1.99991
6700	-4.6478	-2.9563	5.1421	1.2418	6.601	2.0028	20.7028	2.00279
6800	-4.6180	-2.9193	5.1457	1.2329	6.631	2.0058	20.5575	2.00582

S/R= 68.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6900	-4.5872	-2.8815	5.1494	1.2238	6.660	2.0090	20.4432	2.00906
7000	-4.5552	-2.8426	5.1532	1.2149	6.690	2.0125	20.3301	2.01252
7100	-4.5222	-2.8026	5.1572	1.2067	6.721	2.0162	20.2279	2.01626
7200	-4.4880	-2.7614	5.1613	1.1990	6.753	2.0202	20.1369	2.02026
7300	-4.4526	-2.7191	5.1655	1.1920	6.787	2.0245	20.0566	2.02456
7400	-4.4161	-2.6757	5.1700	1.1857	6.823	2.0291	19.9869	2.02915
7500	-4.3785	-2.6312	5.1745	1.1798	6.860	2.0340	19.9273	2.03404
7600	-4.3398	-2.5856	5.1792	1.1748	6.900	2.0392	19.8774	2.03923
7700	-4.3001	-2.5391	5.1840	1.1702	6.941	2.0446	19.8365	2.04471
7800	-4.2595	-2.4917	5.1889	1.1662	6.984	2.0504	19.8042	2.05049
7900	-4.2181	-2.4435	5.1939	1.1629	7.029	2.0564	19.7799	2.05653
8000	-4.1760	-2.3946	5.1989	1.1598	7.074	2.0627	19.7632	2.06285
8100	-4.1332	-2.3450	5.2041	1.1571	7.122	2.0693	19.7535	2.06942
8200	-4.0899	-2.2950	5.2094	1.1548	7.170	2.0761	19.7502	2.07624
8300	-4.0461	-2.2444	5.2147	1.1527	7.219	2.0831	19.7526	2.08329
8400	-4.0019	-2.1936	5.2201	1.1510	7.270	2.0903	19.7605	2.09054
8500	-3.9574	-2.1424	5.2255	1.1495	7.321	2.0977	19.7732	2.09801
8600	-3.9127	-2.0911	5.2309	1.1483	7.374	2.1053	19.7902	2.10566
8700	-3.8679	-2.0396	5.2364	1.1472	7.426	2.1131	19.8114	2.11349
8800	-3.8230	-1.9881	5.2419	1.1463	7.480	2.1211	19.8360	2.12149
8900	-3.7780	-1.9366	5.2475	1.1458	7.535	2.1292	19.8637	2.12963
9000	-3.7331	-1.8851	5.2530	1.1451	7.590	2.1374	19.8942	2.13792
9100	-3.6883	-1.8338	5.2585	1.1446	7.645	2.1457	19.9273	2.14633
9200	-3.6436	-1.7827	5.2640	1.1444	7.701	2.1542	19.9626	2.15487
9300	-3.5991	-1.7317	5.2695	1.1441	7.757	2.1628	19.9996	2.16351
9400	-3.5548	-1.6810	5.2750	1.1439	7.814	2.1714	20.0385	2.17226
9500	-3.5107	-1.6307	5.2805	1.1439	7.871	2.1802	20.0786	2.18109
9600	-3.4670	-1.5806	5.2859	1.1440	7.929	2.1890	20.1201	2.19001
9700	-3.4235	-1.5309	5.2913	1.1442	7.987	2.1979	20.1624	2.19901
9800	-3.3804	-1.4815	5.2967	1.1443	8.044	2.2068	20.2056	2.20806
9900	-3.3376	-1.4326	5.3020	1.1444	8.102	2.2158	20.2493	2.21718
10000	-3.2952	-1.3840	5.3074	1.1448	8.161	2.2248	20.2938	2.22636
10100	-3.2532	-1.3360	5.3126	1.1452	8.220	2.2339	20.3386	2.23558
10200	-3.2116	-1.2883	5.3179	1.1454	8.278	2.2430	20.3838	2.24485
10300	-3.1704	-1.2411	5.3231	1.1459	8.337	2.2522	20.4288	2.25414
10400	-3.1296	-1.1944	5.3282	1.1464	8.397	2.2613	20.4743	2.26349
10500	-3.0893	-1.1481	5.3334	1.1469	8.456	2.2705	20.5195	2.27286
10600	-3.0494	-1.1023	5.3384	1.1474	8.515	2.2797	20.5645	2.28224
10700	-3.0099	-1.0570	5.3435	1.1479	8.574	2.2889	20.6096	2.29166
10800	-2.9708	-1.0122	5.3484	1.1485	8.634	2.2981	20.6542	2.30109
10900	-2.9323	-0.9679	5.3534	1.1491	8.693	2.3073	20.6985	2.31053
11000	-2.8942	-0.9241	5.3583	1.1496	8.752	2.3165	20.7425	2.31998
11100	-2.8565	-0.8808	5.3631	1.1504	8.812	2.3257	20.7861	2.32945
11200	-2.8193	-0.8379	5.3679	1.1510	8.872	2.3349	20.8293	2.33891
11300	-2.7825	-0.7956	5.3726	1.1516	8.931	2.3441	20.8721	2.34838
11400	-2.7462	-0.7538	5.3773	1.1524	8.991	2.3533	20.9141	2.35785
11500	-2.7103	-0.7124	5.3820	1.1531	9.051	2.3624	20.9560	2.36732
11600	-2.6749	-0.6715	5.3866	1.1538	9.111	2.3716	20.9971	2.37678
11700	-2.6399	-0.6311	5.3912	1.1546	9.170	2.3807	21.0377	2.38624
11800	-2.6053	-0.5912	5.3957	1.1552	9.230	2.3898	21.0778	2.39568
11900	-2.5712	-0.5518	5.4002	1.1559	9.289	2.3988	21.1167	2.40512
12000	-2.5375	-0.5129	5.4046	1.1568	9.349	2.4079	21.1556	2.41455
12100	-2.5043	-0.4744	5.4090	1.1576	9.409	2.4169	21.1936	2.42396
12200	-2.4714	-0.4364	5.4133	1.1583	9.468	2.4258	21.2310	2.43336
12300	-2.4390	-0.3988	5.4176	1.1591	9.528	2.4348	21.2679	2.44275

S/R= 68.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12400	-2.4070	-0.3617	5.4219	1.1599	9.587	2.4437	21.3040	2.45212
12500	-2.3754	-0.3250	5.4261	1.1606	9.646	2.4526	21.3393	2.46147
12600	-2.3442	-0.2888	5.4303	1.1614	9.705	2.4614	21.3738	2.47079
12700	-2.3134	-0.2530	5.4344	1.1622	9.764	2.4702	21.4080	2.48010
12800	-2.2830	-0.2177	5.4385	1.1631	9.824	2.4790	21.4415	2.48940
12900	-2.2530	-0.1827	5.4425	1.1640	9.883	2.4877	21.4742	2.49866
13000	-2.2234	-0.1482	5.4465	1.1647	9.942	2.4964	21.5065	2.50792
13100	-2.1941	-0.1142	5.4505	1.1655	10.001	2.5051	21.5377	2.51714
13200	-2.1652	-0.0805	5.4544	1.1662	10.059	2.5137	21.5683	2.52633
13300	-2.1367	-0.0472	5.4583	1.1670	10.118	2.5222	21.5982	2.53550
13400	-2.1086	-0.0144	5.4621	1.1680	10.177	2.5308	21.6274	2.54464
13500	-2.0808	0.0181	5.4659	1.1687	10.236	2.5392	21.6562	2.55376
13600	-2.0533	0.0503	5.4697	1.1695	10.294	2.5477	21.6844	2.56285
13700	-2.0262	0.0820	5.4734	1.1703	10.352	2.5561	21.7120	2.57192
13800	-1.9994	0.1133	5.4771	1.1712	10.411	2.5644	21.7388	2.58096
13900	-1.9730	0.1443	5.4808	1.1699	10.459	2.5727	21.7647	2.58996
14000	-1.9464	0.1753	5.4844	1.1731	10.528	2.5807	21.7925	2.59868
14100	-1.9211	0.2051	5.4880	1.1761	10.596	2.5891	21.8150	2.60787
14200	-1.8957	0.2350	5.4915	1.1745	10.643	2.5973	21.8392	2.61679
14300	-1.8705	0.2645	5.4950	1.1754	10.701	2.6054	21.8628	2.62568
14400	-1.8457	0.2938	5.4985	1.1761	10.758	2.6134	21.8859	2.63454
14500	-1.8211	0.3226	5.5020	1.1771	10.817	2.6214	21.9085	2.64336
14600	-1.7969	0.3511	5.5054	1.1778	10.874	2.6294	21.9301	2.65214
14700	-1.7730	0.3793	5.5088	1.1787	10.931	2.6373	21.9513	2.66090
14800	-1.7493	0.4072	5.5121	1.1796	10.989	2.6451	21.9719	2.66963
14900	-1.7260	0.4347	5.5154	1.1805	11.046	2.6529	21.9918	2.67831
15000	-1.7030	0.4620	5.5187	1.1811	11.102	2.6606	22.0112	2.68696

S/R= 69.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4100	-6.9289	-5.5191	4.9485	1.0860	4.463	1.7108	21.6648	1.71083
4200	-6.7310	-5.3041	4.9655	1.0874	4.554	1.7368	21.9922	1.73682
4300	-6.5456	-5.1022	4.9815	1.0905	4.648	1.7620	22.2843	1.76202
4400	-6.3730	-4.9138	4.9964	1.0939	4.742	1.7862	22.5389	1.78625
4500	-6.2123	-4.7377	5.0104	1.0977	4.835	1.8095	22.7587	1.80952
4600	-6.0638	-4.5744	5.0234	1.1020	4.927	1.8316	22.9412	1.83163
4700	-5.9271	-4.4234	5.0355	1.1068	5.020	1.8525	23.0864	1.85250
4800	-5.8020	-4.2846	5.0466	1.1123	5.112	1.8720	23.1943	1.87203
4900	-5.6883	-4.1578	5.0569	1.1187	5.205	1.8901	23.2648	1.89010
5000	-5.5856	-4.0426	5.0663	1.1265	5.299	1.9066	23.2981	1.90663
5100	-5.4945	-3.9395	5.0748	1.1360	5.395	1.9214	23.2909	1.92139
5200	-5.4141	-3.8477	5.0824	1.1471	5.493	1.9344	23.2470	1.93444
5300	-5.3437	-3.7665	5.0892	1.1602	5.593	1.9458	23.1682	1.94577
5400	-5.2825	-3.6950	5.0952	1.1753	5.697	1.9554	23.0572	1.95543
5500	-5.2294	-3.6321	5.1006	1.1924	5.803	1.9635	22.9194	1.96354
5600	-5.1834	-3.5768	5.1053	1.2108	5.910	1.9702	22.7583	1.97024
5700	-5.1430	-3.5275	5.1096	1.2287	6.015	1.9758	22.5810	1.97577
5800	-5.1070	-3.4830	5.1135	1.2449	6.115	1.9804	22.3925	1.98035
5900	-5.0743	-3.4420	5.1172	1.2579	6.206	1.9842	22.1980	1.98421
6000	-5.0439	-3.4035	5.1206	1.2666	6.285	1.9875	22.0020	1.98753
6100	-5.0149	-3.3667	5.1240	1.2703	6.351	1.9905	21.8086	1.99049
6200	-4.9866	-3.3307	5.1273	1.2691	6.404	1.9932	21.6205	1.99325
6300	-4.9584	-3.2950	5.1306	1.2642	6.447	1.9959	21.4400	1.99593
6400	-4.9299	-3.2592	5.1339	1.2566	6.483	1.9986	21.2687	1.99862

S/R= 69.0

T	LOG(RHO)	LOG(P)	LOG(H/2)	GAMMA-E	A/AA	Z	H/RT	Z*
6500	-4.9008	-3.2227	5.1374	1.2471	6.513	2.0014	21.1082	2.00141
6600	-4.8708	-3.1855	5.1409	1.2372	6.542	2.0043	20.9587	2.00436
6700	-4.8398	-3.1472	5.1446	1.2270	6.569	2.0075	20.8215	2.00751
6800	-4.8075	-3.1077	5.1484	1.2170	6.597	2.0109	20.6964	2.01092
6900	-4.7739	-3.0670	5.1524	1.2078	6.626	2.0146	20.5840	2.01462
7000	-4.7389	-3.0249	5.1565	1.1993	6.657	2.0186	20.4837	2.01861
7100	-4.7026	-2.9816	5.1608	1.1915	6.690	2.0229	20.3956	2.02293
7200	-4.6650	-2.9368	5.1652	1.1845	6.724	2.0275	20.3194	2.02757
7300	-4.6261	-2.8909	5.1698	1.1781	6.761	2.0325	20.2544	2.03254
7400	-4.5859	-2.8437	5.1746	1.1727	6.800	2.0378	20.2004	2.03784
7500	-4.5446	-2.7953	5.1795	1.1677	6.841	2.0434	20.1568	2.04347
7600	-4.5022	-2.7459	5.1845	1.1634	6.884	2.0494	20.1228	2.04942
7700	-4.4589	-2.6956	5.1896	1.1597	6.928	2.0556	20.0977	2.05568
7800	-4.4147	-2.6444	5.1949	1.1565	6.974	2.0621	20.0811	2.06222
7900	-4.3697	-2.5925	5.2002	1.1536	7.022	2.0689	20.0724	2.06906
8000	-4.3241	-2.5399	5.2057	1.1511	7.070	2.0760	20.0708	2.07617
8100	-4.2779	-2.4868	5.2112	1.1490	7.121	2.0834	20.0756	2.08352
8200	-4.2313	-2.4333	5.2167	1.1473	7.172	2.0909	20.0865	2.09111
8300	-4.1843	-2.3795	5.2223	1.1457	7.224	2.0987	20.1027	2.09893
8400	-4.1371	-2.3253	5.2280	1.1444	7.277	2.1067	20.1238	2.10696
8500	-4.0897	-2.2711	5.2337	1.1434	7.331	2.1149	20.1490	2.11516
8600	-4.0421	-2.2168	5.2394	1.1425	7.386	2.1232	20.1782	2.12356
8700	-3.9946	-2.1625	5.2451	1.1417	7.441	2.1317	20.2109	2.13211
8800	-3.9470	-2.1082	5.2508	1.1411	7.497	2.1404	20.2465	2.14082
8900	-3.8996	-2.0541	5.2566	1.1409	7.554	2.1492	20.2848	2.14966
9000	-3.8523	-2.0002	5.2623	1.1405	7.611	2.1581	20.3254	2.15863
9100	-3.8052	-1.9465	5.2680	1.1402	7.668	2.1671	20.3681	2.16771
9200	-3.7584	-1.8930	5.2737	1.1402	7.726	2.1762	20.4124	2.17691
9300	-3.7118	-1.8399	5.2793	1.1401	7.784	2.1854	20.4579	2.18619
9400	-3.6655	-1.7872	5.2850	1.1402	7.843	2.1947	20.5050	2.19557
9500	-3.6196	-1.7348	5.2906	1.1404	7.902	2.2040	20.5530	2.20501
9600	-3.5741	-1.6829	5.2962	1.1406	7.961	2.2134	20.6017	2.21453
9700	-3.5289	-1.6314	5.3017	1.1409	8.021	2.2229	20.6510	2.22411
9800	-3.4842	-1.5803	5.3072	1.1412	8.080	2.2324	20.7008	2.23374
9900	-3.4398	-1.5297	5.3127	1.1415	8.140	2.2420	20.7512	2.24343
10000	-3.3960	-1.4796	5.3181	1.1419	8.200	2.2516	20.8015	2.25316
10100	-3.3526	-1.4300	5.3235	1.1424	8.260	2.2612	20.8519	2.26292
10200	-3.3096	-1.3809	5.3288	1.1428	8.320	2.2708	20.9022	2.27272
10300	-3.2671	-1.3324	5.3341	1.1434	8.380	2.2805	20.9524	2.28254
10400	-3.2251	-1.2844	5.3393	1.1440	8.441	2.2901	21.0025	2.29239
10500	-3.1836	-1.2369	5.3445	1.1445	8.501	2.2998	21.0523	2.30226
10600	-3.1426	-1.1899	5.3496	1.1451	8.562	2.3095	21.1018	2.31214
10700	-3.1021	-1.1435	5.3547	1.1457	8.623	2.3192	21.1507	2.32203
10800	-3.0620	-1.0976	5.3597	1.1464	8.683	2.3288	21.1993	2.33194
10900	-3.0225	-1.0523	5.3647	1.1471	8.744	2.3385	21.2474	2.34184
11000	-2.9835	-1.0075	5.3697	1.1477	8.805	2.3482	21.2949	2.35175
11100	-2.9449	-0.9632	5.3746	1.1484	8.865	2.3578	21.3417	2.36166
11200	-2.9068	-0.9195	5.3794	1.1492	8.926	2.3674	21.3879	2.37156
11300	-2.8693	-0.8763	5.3842	1.1499	8.987	2.3770	21.4335	2.38146
11400	-2.8322	-0.8336	5.3889	1.1506	9.048	2.3866	21.4786	2.39136
11500	-2.7955	-0.7915	5.3936	1.1514	9.109	2.3962	21.5231	2.40125
11600	-2.7594	-0.7499	5.3982	1.1522	9.169	2.4057	21.5664	2.41111
11700	-2.7237	-0.7087	5.4028	1.1531	9.231	2.4152	21.6092	2.42097
11800	-2.6886	-0.6682	5.4074	1.1538	9.291	2.4247	21.6513	2.43081
11900	-2.6538	-0.6281	5.4119	1.1545	9.351	2.4342	21.6926	2.44064



S/R= 69.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12000	-2.6195	-0.5885	5.4163	1.1553	9.412	2.4436	21.7334	2.45046
12100	-2.5857	-0.5494	5.4207	1.1562	9.473	2.4530	21.7732	2.46024
12200	-2.5524	-0.5108	5.4251	1.1570	9.534	2.4623	21.8123	2.47002
12300	-2.5194	-0.4727	5.4294	1.1579	9.594	2.4716	21.8504	2.47977
12400	-2.4869	-0.4351	5.4336	1.1587	9.655	2.4809	21.8883	2.48949
12500	-2.4549	-0.3979	5.4378	1.1594	9.714	2.4901	21.9248	2.49920
12600	-2.4232	-0.3612	5.4420	1.1602	9.774	2.4993	21.9609	2.50887
12700	-2.3920	-0.3249	5.4462	1.1611	9.835	2.5084	21.9963	2.51853
12800	-2.3612	-0.2891	5.4502	1.1619	9.895	2.5175	22.0305	2.52816
12900	-2.3307	-0.2538	5.4543	1.1629	9.956	2.5266	22.0642	2.53775
13000	-2.3007	-0.2188	5.4583	1.1638	10.016	2.5356	22.0972	2.54733
13100	-2.2711	-0.1844	5.4622	1.1645	10.075	2.5446	22.1294	2.55687
13200	-2.2419	-0.1503	5.4662	1.1653	10.135	2.5535	22.1609	2.56638
13300	-2.2130	-0.1167	5.4700	1.1662	10.194	2.5624	22.1918	2.57587
13400	-2.1846	-0.0835	5.4739	1.1671	10.254	2.5712	22.2218	2.58531
13500	-2.1565	-0.0507	5.4777	1.1679	10.314	2.5799	22.2509	2.59474
13600	-2.1287	-0.0182	5.4814	1.1688	10.373	2.5887	22.2795	2.60413
13700	-2.1013	0.0138	5.4852	1.1697	10.433	2.5973	22.3073	2.61348
13800	-2.0743	0.0454	5.4889	1.1705	10.492	2.6060	22.3344	2.62280
13900	-2.0476	0.0766	5.4925	1.1691	10.540	2.6145	22.3609	2.63210
14000	-2.0208	0.1079	5.4962	1.1724	10.610	2.6228	22.3893	2.64107
14100	-1.9953	0.1380	5.4997	1.1756	10.680	2.6315	22.4118	2.65057
14200	-1.9696	0.1681	5.5032	1.1740	10.728	2.6399	22.4361	2.65975
14300	-1.9443	0.1979	5.5067	1.1749	10.787	2.6483	22.4596	2.66890
14400	-1.9192	0.2273	5.5102	1.1757	10.845	2.6566	22.4826	2.67802
14500	-1.8945	0.2564	5.5137	1.1766	10.904	2.6649	22.5052	2.68709
14600	-1.8702	0.2850	5.5171	1.1774	10.962	2.6731	22.5268	2.69613
14700	-1.8461	0.3134	5.5204	1.1783	11.020	2.6812	22.5483	2.70514
14800	-1.8222	0.3415	5.5238	1.1792	11.078	2.6893	22.5686	2.71412
14900	-1.7987	0.3692	5.5271	1.1801	11.137	2.6973	22.5884	2.72304
15000	-1.7756	0.3966	5.5303	1.1806	11.193	2.7053	22.6075	2.73193

S/R= 70.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4200	-6.8150	-5.3820	4.9789	1.0897	4.592	1.7615	22.6783	1.76148
4300	-6.6327	-5.1833	4.9943	1.0916	4.683	1.7866	22.9530	1.78660
4400	-6.4639	-4.9987	5.0087	1.0954	4.777	1.8106	23.1872	1.81062
4500	-6.3077	-4.8273	5.0221	1.0996	4.871	1.8335	23.3828	1.83349
4600	-6.1646	-4.6696	5.0345	1.1046	4.965	1.8550	23.5368	1.85500
4700	-6.0341	-4.5251	5.0459	1.1103	5.058	1.8751	23.6499	1.87507
4800	-5.9160	-4.3936	5.0564	1.1170	5.153	1.8936	23.7214	1.89357
4900	-5.8103	-4.2751	5.0659	1.1251	5.248	1.9104	23.7513	1.91035
5000	-5.7165	-4.1692	5.0744	1.1350	5.345	1.9254	23.7396	1.92536
5100	-5.6347	-4.0758	5.0820	1.1472	5.446	1.9384	23.6851	1.93842
5200	-5.5638	-3.9940	5.0888	1.1617	5.550	1.9496	23.5923	1.94962
5300	-5.5029	-3.9228	5.0947	1.1786	5.657	1.9590	23.4654	1.95903
5400	-5.4507	-3.8607	5.0999	1.1974	5.767	1.9668	23.3090	1.96681
5500	-5.4057	-3.8063	5.1045	1.2176	5.878	1.9732	23.1299	1.97316
5600	-5.3665	-3.7582	5.1087	1.2373	5.987	1.9783	22.9339	1.97830
5700	-5.3316	-3.7147	5.1124	1.2540	6.087	1.9825	22.7283	1.98253
5800	-5.2998	-3.6745	5.1160	1.2663	6.176	1.9861	22.5178	1.98607
5900	-5.2699	-3.6366	5.1193	1.2732	6.251	1.9891	22.3081	1.98914
6000	-5.2412	-3.6000	5.1226	1.2747	6.312	1.9919	22.1021	1.99191
6100	-5.2130	-3.5639	5.1258	1.2713	6.360	1.9945	21.9037	1.99453

S/R= 70.0

T	LOG(RH <sub>0</sub> )	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6200	-5.1845	-3.5279	5.1291	1.2640	6.397	1.9971	21.7148	1.99715
6300	-5.1555	-3.4913	5.1325	1.2543	6.428	1.9998	21.5372	1.99984
6400	-5.1256	-3.4539	5.1360	1.2432	6.455	2.0027	21.3716	2.00267
6500	-5.0945	-3.4154	5.1396	1.2318	6.480	2.0057	21.2191	2.00572
6600	-5.0620	-3.3757	5.1434	1.2210	6.507	2.0090	21.0801	2.00903
6700	-5.0281	-3.3344	5.1474	1.2105	6.533	2.0126	20.9549	2.01264
6800	-4.9927	-3.2917	5.1515	1.2008	6.562	2.0166	20.8434	2.01659
6900	-4.9557	-3.2475	5.1558	1.1920	6.593	2.0209	20.7453	2.02086
7000	-4.9172	-3.2017	5.1602	1.1843	6.626	2.0255	20.6508	2.02551
7100	-4.8771	-3.1544	5.1649	1.1774	6.662	2.0305	20.5690	2.03052
7200	-4.8357	-3.1057	5.1697	1.1712	6.700	2.0359	20.5292	2.03590
7300	-4.7928	-3.0557	5.1747	1.1658	6.740	2.0416	20.4812	2.04163
7400	-4.7488	-3.0044	5.1798	1.1611	6.783	2.0477	20.4442	2.04771
7500	-4.7036	-2.9520	5.1851	1.1571	6.827	2.0541	20.4175	2.05415
7600	-4.6573	-2.8986	5.1905	1.1535	6.873	2.0608	20.4003	2.06091
7700	-4.6102	-2.8443	5.1959	1.1505	6.921	2.0679	20.3918	2.06797
7800	-4.5623	-2.7893	5.2015	1.1480	6.971	2.0752	20.3913	2.07534
7900	-4.5137	-2.7336	5.2072	1.1457	7.021	2.0829	20.3980	2.08298
8000	-4.4646	-2.6774	5.2130	1.1438	7.073	2.0907	20.4114	2.09090
8100	-4.4151	-2.6208	5.2188	1.1422	7.126	2.0989	20.4309	2.09904
8200	-4.3652	-2.5639	5.2246	1.1408	7.180	2.1072	20.4555	2.10741
8300	-4.3151	-2.5067	5.2305	1.1397	7.235	2.1158	20.4851	2.11600
8400	-4.2649	-2.4495	5.2364	1.1388	7.290	2.1245	20.5188	2.12479
8500	-4.2147	-2.3923	5.2424	1.1381	7.346	2.1334	20.5563	2.13374
8600	-4.1644	-2.3352	5.2483	1.1375	7.403	2.1425	20.5972	2.14286
8700	-4.1143	-2.2781	5.2542	1.1371	7.461	2.1517	20.6405	2.15212
8800	-4.0643	-2.2213	5.2602	1.1368	7.519	2.1611	20.6867	2.16153
8900	-4.0145	-2.1647	5.2661	1.1367	7.578	2.1705	20.7349	2.17105
9000	-3.9650	-2.1084	5.2720	1.1365	7.636	2.1801	20.7849	2.18069
9100	-3.9158	-2.0525	5.2779	1.1365	7.696	2.1898	20.8364	2.19043
9200	-3.8669	-1.9969	5.2837	1.1366	7.755	2.1995	20.8890	2.20026
9300	-3.8184	-1.9418	5.2895	1.1368	7.815	2.2093	20.9428	2.21016
9400	-3.7703	-1.8871	5.2953	1.1371	7.876	2.2192	20.9973	2.22015
9500	-3.7227	-1.8329	5.3010	1.1374	7.936	2.2292	21.0524	2.23018
9600	-3.6755	-1.7792	5.3067	1.1377	7.997	2.2391	21.1079	2.24029
9700	-3.6287	-1.7261	5.3124	1.1381	8.058	2.2492	21.1635	2.25044
9800	-3.5825	-1.6734	5.3180	1.1385	8.119	2.2592	21.2195	2.26062
9900	-3.5367	-1.6214	5.3235	1.1390	8.180	2.2693	21.2752	2.27086
10000	-3.4915	-1.5698	5.3290	1.1394	8.241	2.2795	21.3311	2.28112
10100	-3.4468	-1.5189	5.3345	1.1400	8.303	2.2896	21.3862	2.29140
10200	-3.4026	-1.4685	5.3399	1.1406	8.364	2.2997	21.4418	2.30172
10300	-3.3590	-1.4187	5.3452	1.1412	8.426	2.3099	21.4963	2.31204
10400	-3.3159	-1.3695	5.3505	1.1419	8.488	2.3200	21.5508	2.32238
10500	-3.2733	-1.3209	5.3557	1.1426	8.550	2.3302	21.6045	2.33273
10600	-3.2313	-1.2729	5.3609	1.1432	8.612	2.3403	21.6580	2.34308
10700	-3.1898	-1.2254	5.3661	1.1439	8.673	2.3505	21.7104	2.35344
10800	-3.1488	-1.1785	5.3711	1.1445	8.735	2.3606	21.7625	2.36380
10900	-3.1084	-1.1323	5.3762	1.1453	8.797	2.3707	21.8137	2.37415
11000	-3.0686	-1.0866	5.3811	1.1461	8.859	2.3808	21.8640	2.38449
11100	-3.0292	-1.0415	5.3860	1.1467	8.921	2.3909	21.9140	2.39484
11200	-2.9904	-0.9969	5.3909	1.1476	8.983	2.4009	21.9629	2.40517
11300	-2.9521	-0.9530	5.3957	1.1484	9.045	2.4109	22.0110	2.41548
11400	-2.9143	-0.9096	5.4005	1.1491	9.107	2.4209	22.0581	2.42578
11500	-2.8770	-0.8667	5.4052	1.1500	9.169	2.4309	22.1048	2.43607
11600	-2.8403	-0.8244	5.4098	1.1508	9.231	2.4408	22.1504	2.44633

S/R= 70.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11700	-2.8040	-0.7826	5.4145	1.1517	9.293	2.4507	22.1955	2.45658
11800	-2.7682	-0.7415	5.4190	1.1525	9.354	2.4605	22.2392	2.46680
11900	-2.7330	-0.7008	5.4235	1.1533	9.416	2.4704	22.2820	2.47701
12000	-2.6981	-0.6606	5.4280	1.1541	9.477	2.4801	22.3243	2.48719
12100	-2.6638	-0.6210	5.4324	1.1550	9.539	2.4899	22.3657	2.49734
12200	-2.6299	-0.5819	5.4367	1.1559	9.601	2.4996	22.4063	2.50748
12300	-2.5965	-0.5432	5.4410	1.1568	9.662	2.5092	22.4459	2.51758
12400	-2.5636	-0.5052	5.4453	1.1577	9.724	2.5188	22.4846	2.52765
12500	-2.5311	-0.4675	5.4495	1.1583	9.784	2.5284	22.5223	2.53769
12600	-2.4991	-0.4304	5.4537	1.1593	9.846	2.5379	22.5592	2.54770
12700	-2.4675	-0.3937	5.4578	1.1602	9.907	2.5474	22.5955	2.55768
12800	-2.4363	-0.3575	5.4619	1.1610	9.968	2.5568	22.6311	2.56764
12900	-2.4055	-0.3218	5.4660	1.1620	10.029	2.5662	22.6658	2.57757
13000	-2.3752	-0.2865	5.4700	1.1629	10.090	2.5755	22.6991	2.58745
13100	-2.3453	-0.2517	5.4739	1.1638	10.151	2.5848	22.7318	2.59730
13200	-2.3158	-0.2174	5.4778	1.1647	10.212	2.5940	22.7637	2.60711
13300	-2.2866	-0.1834	5.4817	1.1654	10.272	2.6031	22.7948	2.61689
13400	-2.2579	-0.1499	5.4855	1.1663	10.333	2.6123	22.8254	2.62664
13500	-2.2295	-0.1168	5.4893	1.1673	10.393	2.6213	22.8553	2.63636
13600	-2.2015	-0.0841	5.4931	1.1682	10.454	2.6303	22.8840	2.64603
13700	-2.1739	-0.0518	5.4968	1.1692	10.514	2.6393	22.9119	2.65567
13800	-2.1466	-0.0200	5.5005	1.1700	10.574	2.6482	22.9391	2.66526
13900	-2.1198	0.0115	5.5041	1.1684	10.623	2.6570	22.9655	2.67482
14000	-2.0929	0.0430	5.5077	1.1719	10.694	2.6655	22.9940	2.68404
14100	-2.0670	0.0733	5.5113	1.1753	10.766	2.6745	23.0163	2.69382
14200	-2.0412	0.1036	5.5148	1.1737	10.814	2.6832	23.0408	2.70327
14300	-2.0157	0.1336	5.5183	1.1745	10.873	2.6918	23.0642	2.71267
14400	-1.9905	0.1632	5.5217	1.1753	10.932	2.7004	23.0874	2.72204
14500	-1.9656	0.1924	5.5252	1.1764	10.992	2.7089	23.1093	2.73136
14600	-1.9411	0.2212	5.5285	1.1772	11.051	2.7173	23.1307	2.74063
14700	-1.9169	0.2498	5.5319	1.1780	11.110	2.7257	23.1516	2.74987
14800	-1.8930	0.2779	5.5352	1.1790	11.169	2.7340	23.1717	2.75908
14900	-1.8694	0.3058	5.5385	1.1799	11.228	2.7423	23.1911	2.76823
15000	-1.8461	0.3333	5.5418	1.1804	11.285	2.7505	23.2100	2.77735

S/R= 71.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4200	-6.9008	-5.4619	4.9916	1.0909	4.626	1.7857	23.3521	1.78568
4300	-6.7222	-5.2671	5.0065	1.0930	4.717	1.8106	23.6062	1.81061
4400	-6.5582	-5.0874	5.0203	1.0973	4.812	1.8342	23.8151	1.83422
4500	-6.4076	-4.9218	5.0331	1.1022	4.907	1.8565	23.9813	1.85648
4600	-6.2709	-4.7708	5.0448	1.1081	5.002	1.8772	24.1019	1.87717
4700	-6.1479	-4.6341	5.0555	1.1151	5.098	1.8962	24.1765	1.89616
4800	-6.0384	-4.5115	5.0651	1.1235	5.194	1.9133	24.2048	1.91331
4900	-5.9420	-4.4027	5.0738	1.1339	5.293	1.9285	24.1870	1.92850
5000	-5.8582	-4.3072	5.0814	1.1468	5.396	1.9417	24.1248	1.94170
5100	-5.7865	-4.2244	5.0881	1.1628	5.503	1.9528	24.0191	1.95283
5200	-5.7257	-4.1532	5.0940	1.1814	5.614	1.9620	23.8757	1.96202
5300	-5.6741	-4.0916	5.0991	1.2023	5.729	1.9695	23.7016	1.96952
5400	-5.6300	-4.0381	5.1035	1.2244	5.844	1.9755	23.5037	1.97552
5500	-5.5918	-3.9908	5.1075	1.2454	5.956	1.9804	23.2898	1.98035
5600	-5.5579	-3.9482	5.1112	1.2628	6.058	1.9843	23.0668	1.98426
5700	-5.5268	-3.9087	5.1146	1.2744	6.145	1.9875	22.8412	1.98754
5800	-5.4974	-3.8712	5.1179	1.2793	6.214	1.9904	22.6176	1.99039

S/R= 71.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5900	-5.4689	-3.8347	5.1211	1.2781	6.269	1.9930	22.3997	1.99301
6000	-5.4405	-3.7984	5.1243	1.2724	6.312	1.9956	22.1910	1.99555
6100	-5.4116	-3.7618	5.1276	1.2630	6.345	1.9981	21.9941	1.99812
6200	-5.3819	-3.7245	5.1310	1.2514	6.371	2.0008	21.8098	2.00083
6300	-5.3510	-3.6860	5.1345	1.2390	6.395	2.0037	21.6398	2.00374
6400	-5.3187	-3.6462	5.1383	1.2265	6.418	2.0069	21.4842	2.00691
6500	-5.2848	-3.6047	5.1422	1.2147	6.443	2.0104	21.3437	2.01040
6600	-5.2491	-3.5616	5.1463	1.2039	6.469	2.0142	21.2186	2.01423
6700	-5.2118	-3.5168	5.1505	1.1941	6.498	2.0184	21.1085	2.01843
6800	-5.1726	-3.4702	5.1550	1.1853	6.530	2.0230	21.0132	2.02303
6900	-5.1317	-3.4219	5.1597	1.1774	6.564	2.0280	20.9323	2.02802
7000	-5.0891	-3.3719	5.1645	1.1706	6.601	2.0334	20.8652	2.03341
7100	-5.0450	-3.3204	5.1695	1.1646	6.640	2.0392	20.8113	2.03921
7200	-4.9993	-3.2674	5.1748	1.1595	6.682	2.0453	20.7697	2.04539
7300	-4.9524	-3.2130	5.1801	1.1551	6.726	2.0519	20.7401	2.05195
7400	-4.9042	-3.1575	5.1856	1.1512	6.772	2.0588	20.7208	2.05887
7500	-4.8550	-3.1009	5.1913	1.1478	6.820	2.0661	20.7114	2.06614
7600	-4.8048	-3.0434	5.1970	1.1450	6.869	2.0736	20.7112	2.07374
7700	-4.7538	-2.9851	5.2029	1.1427	6.920	2.0815	20.7191	2.08164
7800	-4.7022	-2.9262	5.2088	1.1407	6.973	2.0897	20.7348	2.08984
7900	-4.6501	-2.8668	5.2148	1.1390	7.026	2.0982	20.7568	2.09830
8000	-4.5976	-2.8070	5.2209	1.1376	7.081	2.1069	20.7849	2.10702
8100	-4.5448	-2.7470	5.2269	1.1364	7.136	2.1158	20.8185	2.11596
8200	-4.4918	-2.6868	5.2331	1.1355	7.193	2.1249	20.8566	2.12512
8300	-4.4388	-2.6266	5.2392	1.1347	7.250	2.1342	20.8988	2.13446
8400	-4.3857	-2.5664	5.2454	1.1340	7.308	2.1437	20.9447	2.14399
8500	-4.3327	-2.5063	5.2515	1.1336	7.366	2.1533	20.9936	2.15368
8600	-4.2799	-2.4465	5.2577	1.1334	7.425	2.1631	21.0452	2.16350
8700	-4.2274	-2.3869	5.2638	1.1333	7.485	2.1730	21.0991	2.17346
8800	-4.1751	-2.3276	5.2699	1.1331	7.545	2.1830	21.1549	2.18355
8900	-4.1231	-2.2688	5.2760	1.1331	7.605	2.1932	21.2121	2.19374
9000	-4.0715	-2.2103	5.2820	1.1333	7.666	2.2034	21.2707	2.20402
9100	-4.0203	-2.1523	5.2880	1.1334	7.727	2.2137	21.3307	2.21439
9200	-3.9695	-2.0948	5.2940	1.1336	7.788	2.2240	21.3909	2.22483
9300	-3.9193	-2.0378	5.2999	1.1339	7.850	2.2345	21.4518	2.23534
9400	-3.8695	-1.9813	5.3058	1.1343	7.912	2.2449	21.5133	2.24591
9500	-3.8203	-1.9254	5.3117	1.1348	7.974	2.2554	21.5748	2.25652
9600	-3.7715	-1.8701	5.3175	1.1352	8.036	2.2660	21.6363	2.26718
9700	-3.7234	-1.8155	5.3232	1.1357	8.098	2.2766	21.6980	2.27788
9800	-3.6758	-1.7614	5.3289	1.1362	8.161	2.2872	21.7591	2.28860
9900	-3.6287	-1.7079	5.3345	1.1368	8.223	2.2978	21.8200	2.29937
10000	-3.5822	-1.6551	5.3401	1.1373	8.286	2.3084	21.8808	2.31014
10100	-3.5364	-1.6029	5.3456	1.1380	8.349	2.3190	21.9405	2.32092
10200	-3.4911	-1.5513	5.3510	1.1387	8.412	2.3297	22.0001	2.33173
10300	-3.4464	-1.5004	5.3564	1.1394	8.475	2.3403	22.0589	2.34254
10400	-3.4023	-1.4501	5.3618	1.1401	8.538	2.3509	22.1173	2.35335
10500	-3.3588	-1.4005	5.3670	1.1408	8.601	2.3615	22.1744	2.36417
10600	-3.3158	-1.3515	5.3723	1.1415	8.663	2.3721	22.2310	2.37497
10700	-3.2735	-1.3031	5.3774	1.1423	8.727	2.3827	22.2868	2.38578
10800	-3.2317	-1.2554	5.3825	1.1430	8.789	2.3933	22.3421	2.39658
10900	-3.1905	-1.2083	5.3876	1.1438	8.853	2.4038	22.3960	2.40737
11000	-3.1498	-1.1618	5.3926	1.1447	8.916	2.4143	22.4490	2.41813
11100	-3.1098	-1.1159	5.3975	1.1454	8.979	2.4248	22.5010	2.42889
11200	-3.0703	-1.0707	5.4024	1.1463	9.042	2.4352	22.5524	2.43962
11300	-3.0313	-1.0260	5.4072	1.1471	9.105	2.4457	22.6027	2.45034

S/R= 71.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11400	-2.9929	-0.9819	5.4123	1.1478	9.167	2.4560	22.6522	2.46104
11500	-2.9550	-0.9384	5.4167	1.1489	9.231	2.4664	22.7004	2.47171
11600	-2.9177	-0.8955	5.4214	1.1497	9.294	2.4767	22.7477	2.48235
11700	-2.8809	-0.8532	5.4260	1.1505	9.356	2.4869	22.7942	2.49297
11800	-2.8446	-0.8115	5.4306	1.1514	9.419	2.4972	22.8396	2.50356
11900	-2.8089	-0.7702	5.4351	1.1522	9.482	2.5073	22.8845	2.51414
12000	-2.7736	-0.7296	5.4395	1.1530	9.544	2.5175	22.9277	2.52467
12100	-2.7388	-0.6895	5.4439	1.1541	9.607	2.5275	22.9703	2.53518
12200	-2.7045	-0.6499	5.4483	1.1550	9.670	2.5376	23.0116	2.54565
12300	-2.6708	-0.6109	5.4526	1.1559	9.732	2.5476	23.0523	2.55609
12400	-2.6374	-0.5723	5.4569	1.1568	9.794	2.5575	23.0923	2.56650
12500	-2.6046	-0.5343	5.4611	1.1575	9.856	2.5674	23.1308	2.57687
12600	-2.5722	-0.4968	5.4653	1.1585	9.918	2.5772	23.1684	2.58720
12700	-2.5402	-0.4598	5.4694	1.1595	9.981	2.5870	23.2052	2.59750
12800	-2.5088	-0.4233	5.4735	1.1603	10.043	2.5967	23.2409	2.60776
12900	-2.4777	-0.3872	5.4775	1.1613	10.105	2.6064	23.2762	2.61800
13000	-2.4471	-0.3516	5.4815	1.1622	10.167	2.6160	23.3104	2.62818
13100	-2.4169	-0.3165	5.4854	1.1631	10.228	2.6256	23.3434	2.63833
13200	-2.3871	-0.2818	5.4893	1.1641	10.290	2.6351	23.3757	2.64843
13300	-2.3577	-0.2476	5.4932	1.1649	10.351	2.6446	23.4069	2.65850
13400	-2.3287	-0.2139	5.4970	1.1658	10.412	2.6539	23.4375	2.66853
13500	-2.3001	-0.1805	5.5008	1.1668	10.474	2.6633	23.4671	2.67852
13600	-2.2719	-0.1476	5.5045	1.1678	10.536	2.6726	23.4962	2.68847
13700	-2.2441	-0.1151	5.5082	1.1687	10.597	2.6818	23.5243	2.69837
13800	-2.2167	-0.0830	5.5119	1.1695	10.657	2.6909	23.5514	2.70824
13900	-2.1896	-0.0514	5.5155	1.1679	10.706	2.7000	23.5778	2.71805
14000	-2.1625	-0.0197	5.5192	1.1715	10.778	2.7088	23.6061	2.72751
14100	-2.1366	0.0107	5.5226	1.1750	10.852	2.7181	23.6281	2.73755
14200	-2.1106	0.0412	5.5262	1.1735	10.901	2.7270	23.6523	2.74724
14300	-2.0850	0.0713	5.5296	1.1743	10.961	2.7358	23.6754	2.75689
14400	-2.0597	0.1010	5.5331	1.1750	11.020	2.7446	23.6979	2.76650
14500	-2.0347	0.1304	5.5365	1.1762	11.081	2.7534	23.7195	2.77605
14600	-2.0101	0.1594	5.5398	1.1771	11.141	2.7621	23.7406	2.78555
14700	-1.9857	0.1880	5.5432	1.1778	11.200	2.7707	23.7610	2.79502
14800	-1.9617	0.2163	5.5465	1.1789	11.261	2.7792	23.7805	2.80444
14900	-1.9381	0.2442	5.5497	1.1799	11.321	2.7877	23.7992	2.81380
15000	-1.9147	0.2718	5.5530	1.1803	11.378	2.7961	23.8174	2.82313

S/R= 72.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4200	-6.9889	-5.5443	5.0337	1.0925	4.659	1.8094	24.0113	1.80936
4300	-6.8153	-5.3546	5.0180	1.0948	4.751	1.8339	24.2392	1.83387
4400	-6.6568	-5.1807	5.0312	1.0997	4.847	1.8569	24.4181	1.85689
4500	-6.5130	-5.0222	5.0433	1.1056	4.943	1.8783	24.5497	1.87831
4600	-6.3843	-4.8794	5.0542	1.1128	5.040	1.8979	24.6299	1.89787
4700	-6.2703	-4.7523	5.0641	1.1216	5.139	1.9155	24.6588	1.91546
4800	-6.1706	-4.6397	5.0728	1.1325	5.239	1.9310	24.6373	1.93095
4900	-6.0848	-4.5423	5.0805	1.1462	5.344	1.9442	24.5558	1.94424
5000	-6.0119	-4.4578	5.0872	1.1631	5.453	1.9554	24.4492	1.95543
5100	-5.9507	-4.3863	5.0930	1.1837	5.569	1.9645	24.2902	1.96447
5200	-5.8995	-4.3248	5.0980	1.2069	5.688	1.9717	24.0984	1.97172
5300	-5.8561	-4.2719	5.1024	1.2309	5.808	1.9775	23.8822	1.97745
5400	-5.8187	-4.2254	5.1062	1.2533	5.923	1.9820	23.6503	1.98198
5500	-5.7855	-4.1834	5.1098	1.2709	6.025	1.9856	23.4104	1.98564

S/R= 72.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5600	-5.7551	-4.1444	5.1131	1.2818	6.110	1.9887	23.1693	1.98868
5700	-5.7260	-4.1072	5.1163	1.2850	6.176	1.9914	22.9320	1.99136
5800	-5.6976	-4.0706	5.1195	1.2815	6.225	1.9939	22.7025	1.99336
5900	-5.6690	-4.0340	5.1227	1.2728	6.261	1.9963	22.4842	1.99634
6000	-5.6396	-3.9968	5.1260	1.2612	6.289	1.9989	22.2785	1.99889
6100	-5.6092	-3.9586	5.1295	1.2481	6.313	2.0016	22.0879	2.00163
6200	-5.5772	-3.9189	5.1331	1.2346	6.334	2.0046	21.9131	2.00463
6300	-5.5436	-3.8776	5.1369	1.2212	6.356	2.0079	21.7547	2.00794
6400	-5.5081	-3.8345	5.1409	1.2087	6.379	2.0116	21.6128	2.01161
6500	-5.4706	-3.7894	5.1451	1.1977	6.406	2.0157	21.4878	2.01568
6600	-5.4311	-3.7423	5.1495	1.1877	6.435	2.0201	21.3792	2.02017
6700	-5.3897	-3.6933	5.1542	1.1787	6.467	2.0251	21.2870	2.02508
6800	-5.3463	-3.6423	5.1590	1.1710	6.502	2.0304	21.2099	2.03043
6900	-5.3010	-3.5895	5.1641	1.1643	6.540	2.0362	21.1480	2.03621
7000	-5.2541	-3.5350	5.1694	1.1585	6.581	2.0424	21.1001	2.04243
7100	-5.2056	-3.4789	5.1748	1.1536	6.625	2.0490	21.0653	2.04908
7200	-5.1556	-3.4214	5.1804	1.1494	6.670	2.0561	21.0426	2.05612
7300	-5.1043	-3.3626	5.1862	1.1458	6.718	2.0635	21.0316	2.06355
7400	-5.0520	-3.3027	5.1921	1.1427	6.768	2.0713	21.0306	2.07135
7500	-4.9987	-3.2419	5.1981	1.1400	6.819	2.0794	21.0388	2.07948
7600	-4.9446	-3.1802	5.2042	1.1378	6.871	2.0878	21.0557	2.08794
7700	-4.8899	-3.1180	5.2104	1.1360	6.925	2.0966	21.0798	2.09669
7800	-4.8347	-3.0553	5.2165	1.1346	6.981	2.1056	21.1111	2.10572
7900	-4.7791	-2.9923	5.2229	1.1333	7.036	2.1148	21.1482	2.11500
8000	-4.7233	-2.9291	5.2292	1.1322	7.093	2.1243	21.1903	2.12451
8100	-4.6673	-2.8658	5.2356	1.1315	7.152	2.1340	21.2371	2.13424
8200	-4.6114	-2.8025	5.2420	1.1309	7.210	2.1439	21.2881	2.14416
8300	-4.5555	-2.7393	5.2483	1.1303	7.269	2.1540	21.3423	2.15425
8400	-4.4998	-2.6763	5.2547	1.1301	7.330	2.1642	21.3993	2.16450
8500	-4.4443	-2.6136	5.2610	1.1299	7.390	2.1745	21.4592	2.17490
8600	-4.3891	-2.5513	5.2674	1.1298	7.451	2.1850	21.5208	2.18542
8700	-4.3342	-2.4893	5.2737	1.1298	7.512	2.1956	21.5842	2.19605
8800	-4.2798	-2.4278	5.2799	1.1299	7.574	2.2063	21.6488	2.20679
8900	-4.2258	-2.3668	5.2861	1.1301	7.636	2.2170	21.7149	2.21762
9000	-4.1723	-2.3063	5.2923	1.1304	7.699	2.2279	21.7813	2.22852
9100	-4.1192	-2.2463	5.2985	1.1307	7.761	2.2388	21.8485	2.23950
9200	-4.0668	-2.1870	5.3045	1.1310	7.824	2.2497	21.9158	2.25053
9300	-4.0149	-2.1283	5.3106	1.1314	7.887	2.2607	21.9835	2.26162
9400	-3.9635	-2.0702	5.3166	1.1320	7.951	2.2717	22.0509	2.27275
9500	-3.9128	-2.0128	5.3225	1.1325	8.014	2.2828	22.1183	2.28392
9600	-3.8627	-1.9560	5.3283	1.1331	8.078	2.2939	22.1855	2.29513
9700	-3.8132	-1.8999	5.3341	1.1336	8.141	2.3050	22.2522	2.30636
9800	-3.7644	-1.8446	5.3399	1.1343	8.205	2.3161	22.3183	2.31759
9900	-3.7162	-1.7899	5.3456	1.1349	8.269	2.3272	22.3838	2.32886
10000	-3.6686	-1.7358	5.3512	1.1355	8.333	2.3383	22.4487	2.34013
10100	-3.6217	-1.6825	5.3568	1.1362	8.397	2.3494	22.5128	2.35140
10200	-3.5753	-1.6299	5.3623	1.1371	8.461	2.3606	22.5761	2.36268
10300	-3.5297	-1.5780	5.3677	1.1378	8.525	2.3716	22.6384	2.37395
10400	-3.4847	-1.5267	5.3731	1.1385	8.589	2.3827	22.6997	2.38522
10500	-3.4403	-1.4762	5.3784	1.1394	8.654	2.3938	22.7603	2.39649
10600	-3.3965	-1.4263	5.3836	1.1400	8.717	2.4048	22.8202	2.40774
10700	-3.3534	-1.3771	5.3888	1.1408	8.782	2.4158	22.8785	2.41897
10800	-3.3108	-1.3285	5.3939	1.1416	8.846	2.4268	22.9360	2.43019
10900	-3.2689	-1.2807	5.3990	1.1426	8.910	2.4377	22.9923	2.44139
11000	-3.2276	-1.2335	5.4040	1.1435	8.975	2.4486	23.0479	2.45257

S/R= 72.0

T	LOG(RH <sub>0</sub> )	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11100	-3.1869	-1.1869	5.4090	1.1442	9.038	2.4595	23.1023	2.46373
11200	-3.1468	-1.1410	5.4139	1.1451	9.102	2.4704	23.1552	2.47485
11300	-3.1073	-1.0957	5.4187	1.1460	9.166	2.4812	23.2073	2.48595
11400	-3.0683	-1.0510	5.4235	1.1468	9.230	2.4919	23.2584	2.49703
11500	-3.0299	-1.0070	5.4282	1.1478	9.294	2.5026	23.3084	2.50808
11600	-2.9921	-0.9635	5.4329	1.1488	9.358	2.5133	23.3573	2.51909
11700	-2.9548	-0.9207	5.4375	1.1496	9.422	2.5239	23.4050	2.53008
11800	-2.9181	-0.8785	5.4421	1.1505	9.486	2.5345	23.4513	2.54102
11900	-2.8819	-0.8368	5.4466	1.1513	9.549	2.5450	23.4969	2.55193
12000	-2.8462	-0.7957	5.4510	1.1521	9.612	2.5555	23.5417	2.56282
12100	-2.8110	-0.7552	5.4554	1.1531	9.676	2.5659	23.5849	2.57367
12200	-2.7764	-0.7152	5.4598	1.1542	9.740	2.5762	23.6276	2.58447
12300	-2.7423	-0.6758	5.4641	1.1552	9.803	2.5865	23.6686	2.59523
12400	-2.7086	-0.6369	5.4683	1.1561	9.866	2.5968	23.7089	2.60595
12500	-2.6754	-0.5985	5.4725	1.1569	9.929	2.6070	23.7481	2.61664
12600	-2.6427	-0.5607	5.4767	1.1578	9.992	2.6172	23.7865	2.62729
12700	-2.6105	-0.5233	5.4808	1.1588	10.055	2.6272	23.8237	2.63789
12800	-2.5787	-0.4865	5.4849	1.1598	10.118	2.6373	23.8600	2.64846
12900	-2.5474	-0.4502	5.4889	1.1607	10.181	2.6472	23.8952	2.65898
13000	-2.5166	-0.4143	5.4929	1.1617	10.244	2.6571	23.9294	2.66945
13100	-2.4861	-0.3790	5.4968	1.1627	10.307	2.6670	23.9627	2.67988
13200	-2.4561	-0.3441	5.5007	1.1635	10.369	2.6768	23.9951	2.69026
13300	-2.4265	-0.3096	5.5045	1.1644	10.431	2.6865	24.0264	2.70062
13400	-2.3974	-0.2757	5.5083	1.1654	10.493	2.6962	24.0569	2.71091
13500	-2.3686	-0.2421	5.5121	1.1664	10.555	2.7058	24.0865	2.72116
13600	-2.3402	-0.2090	5.5158	1.1675	10.618	2.7153	24.1152	2.73137
13700	-2.3123	-0.1764	5.5195	1.1685	10.680	2.7248	24.1430	2.74153
13800	-2.2847	-0.1441	5.5232	1.1692	10.741	2.7342	24.1699	2.75164
13900	-2.2575	-0.1123	5.5268	1.1676	10.790	2.7435	24.1959	2.76170
14000	-2.2302	-0.0805	5.5304	1.1712	10.863	2.7525	24.2241	2.77138
14100	-2.2042	-0.0499	5.5339	1.1749	10.938	2.7620	24.2457	2.78169
14200	-2.1781	-0.0193	5.5373	1.1733	10.988	2.7712	24.2689	2.79161
14300	-2.1524	0.0109	5.5408	1.1742	11.049	2.7803	24.2917	2.80148
14400	-2.1270	0.0407	5.5442	1.1750	11.109	2.7893	24.3137	2.81131
14500	-2.1019	0.0702	5.5476	1.1762	11.171	2.7983	24.3348	2.82108
14600	-2.0772	0.0992	5.5509	1.1771	11.232	2.8072	24.3552	2.83080
14700	-2.0528	0.1280	5.5543	1.1779	11.292	2.8160	24.3749	2.84048
14800	-2.0287	0.1564	5.5575	1.1789	11.352	2.8248	24.3936	2.85011
14900	-2.0050	0.1844	5.5608	1.1800	11.414	2.8335	24.4115	2.85967
15000	-1.9816	0.2120	5.5640	1.1805	11.472	2.8421	24.4289	2.86919

S/R= 73.0

T	LOG(RH <sub>0</sub> )	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4300	-6.9126	-5.4467	5.0288	1.0999	4.791	1.8562	24.8478	1.85624
4400	-6.7611	-5.2800	5.0412	1.1030	4.882	1.8784	24.9912	1.87842
4500	-6.6255	-5.1300	5.0526	1.1102	4.980	1.8987	25.0808	1.89870
4600	-6.5062	-4.9970	5.0627	1.1193	5.080	1.9168	25.1132	1.91683
4700	-6.4026	-4.8804	5.0716	1.1307	5.182	1.9327	25.0900	1.93270
4800	-6.3141	-4.7799	5.0794	1.1450	5.289	1.9462	25.0115	1.94621
4900	-6.2398	-4.6940	5.0861	1.1631	5.401	1.9574	24.8830	1.95741
5000	-6.1779	-4.6214	5.0919	1.1852	5.520	1.9664	24.7104	1.96645
5100	-6.1267	-4.5600	5.0968	1.2105	5.644	1.9735	24.5013	1.97350
5200	-6.0838	-4.5075	5.1010	1.2368	5.769	1.9790	24.2571	1.97899
5300	-6.0471	-4.4616	5.1048	1.2608	5.887	1.9833	24.0173	1.98329

S/R= 73.0

T	LOG(RHO)	LOG(P)	LOG(H/2)	GAMMA-E	A/AA	Z	4/RT	Z*
5400	-6.0145	-4.4201	5.1082	1.2788	5.990	1.9867	23.7503	1.98671
5500	-5.9845	-4.3815	5.1115	1.2887	6.073	1.9896	23.5039	1.98957
5600	-5.9557	-4.3444	5.1147	1.2901	6.135	1.9921	23.2529	1.99209
5700	-5.9273	-4.3077	5.1178	1.2841	6.179	1.9945	23.0115	1.99450
5800	-5.8984	-4.2708	5.1210	1.2732	6.210	1.9969	22.7831	1.99692
5900	-5.8685	-4.2329	5.1244	1.2595	6.233	1.9995	22.5692	1.99948
6000	-5.8372	-4.1936	5.1279	1.2448	6.253	2.0023	22.3718	2.00227
6100	-5.8041	-4.1528	5.1315	1.2300	6.273	2.0054	22.1922	2.00536
6200	-5.7691	-4.1099	5.1354	1.2160	6.293	2.0088	22.0309	2.00882
6300	-5.7319	-4.0650	5.1395	1.2030	6.316	2.0127	21.8874	2.01269
6400	-5.6926	-4.0178	5.1439	1.1916	6.342	2.0170	21.7625	2.01699
6500	-5.6509	-3.9684	5.1485	1.1816	6.372	2.0218	21.6557	2.02177
6600	-5.6071	-3.9168	5.1533	1.1727	6.405	2.0270	21.5662	2.02701
6700	-5.5611	-3.8631	5.1584	1.1651	6.441	2.0327	21.4935	2.03273
6800	-5.5131	-3.8074	5.1637	1.1585	6.481	2.0389	21.4370	2.03892
6900	-5.4633	-3.7497	5.1692	1.1528	6.523	2.0456	21.3950	2.04558
7000	-5.4117	-3.6904	5.1749	1.1481	6.568	2.0527	21.3675	2.05268
7100	-5.3586	-3.6296	5.1807	1.1442	6.615	2.0602	21.3524	2.06022
7200	-5.3042	-3.5674	5.1867	1.1407	6.665	2.0681	21.3494	2.06816
7300	-5.2486	-3.5041	5.1929	1.1378	6.716	2.0764	21.3568	2.07649
7400	-5.1921	-3.4399	5.1991	1.1354	6.769	2.0851	21.3740	2.08516
7500	-5.1348	-3.3749	5.2055	1.1334	6.823	2.0941	21.3995	2.09416
7600	-5.0769	-3.3093	5.2119	1.1317	6.878	2.1034	21.4330	2.10348
7700	-5.0185	-3.2433	5.2184	1.1304	6.935	2.1130	21.4732	2.11308
7800	-4.9599	-3.1769	5.2249	1.1293	6.993	2.1228	21.5193	2.12293
7900	-4.9009	-3.1105	5.2315	1.1285	7.051	2.1329	21.5703	2.13301
8000	-4.8419	-3.0440	5.2381	1.1278	7.111	2.1431	21.6261	2.14331
8100	-4.7831	-2.9776	5.2447	1.1273	7.171	2.1536	21.6855	2.15380
8200	-4.7243	-2.9113	5.2512	1.1269	7.232	2.1642	21.7483	2.16447
8300	-4.6658	-2.8454	5.2578	1.1267	7.293	2.1750	21.8137	2.17528
8400	-4.6075	-2.7798	5.2644	1.1266	7.355	2.1859	21.8817	2.18624
8500	-4.5497	-2.7146	5.2709	1.1267	7.417	2.1969	21.9511	2.19732
8600	-4.4923	-2.6499	5.2774	1.1268	7.480	2.2081	22.0222	2.20851
8700	-4.4353	-2.5857	5.2838	1.1269	7.543	2.2193	22.0943	2.21978
8800	-4.3789	-2.5221	5.2902	1.1272	7.607	2.2306	22.1672	2.23116
8900	-4.3230	-2.4591	5.2965	1.1276	7.670	2.2420	22.2408	2.24260
9000	-4.2677	-2.3968	5.3028	1.1279	7.734	2.2534	22.3143	2.25410
9100	-4.2130	-2.3351	5.3091	1.1284	7.799	2.2649	22.3883	2.26567
9200	-4.1590	-2.2741	5.3152	1.1289	7.863	2.2764	22.4620	2.27727
9300	-4.1056	-2.2138	5.3214	1.1293	7.927	2.2880	22.5355	2.28892
9400	-4.0529	-2.1542	5.3274	1.1299	7.992	2.2995	22.6089	2.30060
9500	-4.0008	-2.0954	5.3334	1.1306	8.057	2.3111	22.6817	2.31230
9600	-3.9494	-2.0373	5.3393	1.1313	8.122	2.3227	22.7535	2.32403
9700	-3.8988	-1.9800	5.3452	1.1319	8.187	2.3343	22.8247	2.33576
9800	-3.8488	-1.9234	5.3510	1.1326	8.252	2.3460	22.8953	2.34750
9900	-3.7995	-1.8675	5.3567	1.1333	8.317	2.3576	22.9649	2.35926
10000	-3.7509	-1.8124	5.3624	1.1340	8.382	2.3692	23.0334	2.37100
10100	-3.7030	-1.7581	5.3680	1.1347	8.447	2.3807	23.1010	2.38274
10200	-3.6558	-1.7045	5.3735	1.1357	8.513	2.3923	23.1678	2.39448
10300	-3.6093	-1.6517	5.3790	1.1364	8.578	2.4038	23.2333	2.40620
10400	-3.5634	-1.5995	5.3843	1.1371	8.643	2.4153	23.2976	2.41791
10500	-3.5183	-1.5482	5.3897	1.1381	8.708	2.4268	23.3606	2.42960
10600	-3.4738	-1.4975	5.3949	1.1388	8.773	2.4383	23.4228	2.44127
10700	-3.4299	-1.4475	5.4002	1.1396	8.838	2.4497	23.4839	2.45293
10800	-3.3867	-1.3983	5.4053	1.1405	8.904	2.4611	23.5437	2.46456



S/R= 73.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10900	-3.3442	-1.3498	5.4104	1.1415	8.969	2.4724	23.6019	2.47615
11000	-3.3023	-1.3019	5.4154	1.1424	9.034	2.4837	23.6590	2.48772
11100	-3.2610	-1.2547	5.4204	1.1433	9.099	2.4950	23.7153	2.49927
11200	-3.2203	-1.2082	5.4253	1.1441	9.164	2.5062	23.7704	2.51078
11300	-3.1803	-1.1624	5.4301	1.1450	9.229	2.5174	23.8238	2.52225
11400	-3.1408	-1.1172	5.4349	1.1460	9.294	2.5285	23.8759	2.53369
11500	-3.1020	-1.0727	5.4395	1.1469	9.359	2.5395	23.9271	2.54510
11600	-3.0637	-1.0288	5.4443	1.1479	9.424	2.5505	23.9770	2.55647
11700	-3.0260	-0.9854	5.4489	1.1488	9.489	2.5615	24.0261	2.56781
11800	-2.9889	-0.9428	5.4534	1.1497	9.553	2.5724	24.0737	2.57909
11900	-2.9523	-0.9007	5.4579	1.1506	9.617	2.5833	24.1198	2.59033
12000	-2.9162	-0.8592	5.4624	1.1515	9.682	2.5941	24.1650	2.60155
12100	-2.8808	-0.8183	5.4668	1.1525	9.746	2.6048	24.2091	2.61271
12200	-2.8458	-0.7780	5.4711	1.1535	9.811	2.6155	24.2523	2.62384
12300	-2.8113	-0.7382	5.4754	1.1545	9.875	2.6261	24.2941	2.63492
12400	-2.7774	-0.6990	5.4795	1.1554	9.939	2.6367	24.3346	2.64596
12500	-2.7439	-0.6604	5.4838	1.1564	10.003	2.6472	24.3739	2.65693
12600	-2.7110	-0.6223	5.4880	1.1573	10.067	2.6576	24.4123	2.66788
12700	-2.6785	-0.5847	5.4921	1.1583	10.131	2.6680	24.4499	2.67877
12800	-2.6465	-0.5476	5.4961	1.1593	10.195	2.6783	24.4862	2.68963
12900	-2.6150	-0.5110	5.5001	1.1602	10.258	2.6885	24.5214	2.70044
13000	-2.5839	-0.4749	5.5041	1.1613	10.322	2.6987	24.5559	2.71119
13100	-2.5533	-0.4394	5.5080	1.1624	10.386	2.7088	24.5889	2.72188
13200	-2.5231	-0.4043	5.5119	1.1632	10.448	2.7189	24.6209	2.73253
13300	-2.4934	-0.3697	5.5157	1.1642	10.511	2.7289	24.6521	2.74315
13400	-2.4641	-0.3355	5.5195	1.1652	10.575	2.7388	24.6825	2.75370
13500	-2.4351	-0.3018	5.5232	1.1661	10.637	2.7487	24.7119	2.76421
13600	-2.4066	-0.2686	5.5269	1.1672	10.701	2.7584	24.7402	2.77467
13700	-2.3785	-0.2358	5.5306	1.1682	10.764	2.7682	24.7674	2.78507
13800	-2.3508	-0.2034	5.5342	1.1691	10.826	2.7778	24.7937	2.79541
13900	-2.3236	-0.1715	5.5378	1.1674	10.876	2.7874	24.8192	2.80571
14000	-2.2961	-0.1395	5.5414	1.1711	10.950	2.7965	24.8469	2.81559
14100	-2.2701	-0.1089	5.5449	1.1749	11.026	2.8064	24.8675	2.82614
14200	-2.2439	-0.0782	5.5483	1.1732	11.076	2.8158	24.8903	2.83629
14300	-2.2181	-0.0479	5.5518	1.1741	11.137	2.8251	24.9123	2.84637
14400	-2.1926	-0.0180	5.5552	1.1750	11.198	2.8343	24.9337	2.85641
14500	-2.1675	0.0116	5.5585	1.1762	11.261	2.8435	24.9540	2.86639
14600	-2.1428	0.0407	5.5618	1.1772	11.323	2.8526	24.9734	2.87630
14700	-2.1184	0.0694	5.5651	1.1780	11.384	2.8616	24.9921	2.88618
14800	-2.0942	0.0978	5.5684	1.1791	11.445	2.8706	25.0102	2.89600
14900	-2.0705	0.1259	5.5716	1.1802	11.507	2.8795	25.0272	2.90575
15000	-2.0470	0.1535	5.5748	1.1806	11.565	2.8883	25.0435	2.91545

S/R= 74.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4400	-6.8724	-5.3867	5.0505	1.1116	4.928	1.8986	25.5274	1.89856
4500	-6.7466	-5.2468	5.0609	1.1164	5.019	1.9174	25.5575	1.91739
4600	-6.6382	-5.1252	5.0701	1.1282	5.123	1.9337	25.5450	1.93375
4700	-6.5464	-5.0210	5.0780	1.1433	5.231	1.9476	25.4620	1.94757
4800	-6.4700	-4.9329	5.0848	1.1624	5.346	1.9589	25.3235	1.95891
4900	-6.4071	-4.8591	5.0905	1.1860	5.469	1.9679	25.1370	1.96792
5000	-6.3557	-4.7973	5.0954	1.2133	5.597	1.9749	24.9118	1.97490
5100	-6.3130	-4.7449	5.0996	1.2417	5.727	1.9802	24.6599	1.98021
5200	-6.2767	-4.6993	5.1033	1.2677	5.848	1.9843	24.3921	1.98429

S/R= 74.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	1/RT	Z*
5300	-6.2445	-4.5582	5.1066	1.2863	5.952	1.9875	24.1183	1.98752
5400	-6.2149	-4.5198	5.1098	1.2952	6.033	1.9902	23.8462	1.99022
5500	-6.1864	-4.5827	5.1129	1.2949	6.092	1.9926	23.5813	1.99263
5600	-6.1579	-4.5459	5.1161	1.2868	6.131	1.9949	23.3278	1.99495
5700	-6.1287	-4.5085	5.1193	1.2735	6.157	1.9973	23.0389	1.99733
5800	-6.0982	-4.4699	5.1225	1.2578	6.177	1.9999	22.8566	1.99991
5900	-6.0660	-4.4297	5.1262	1.2415	6.194	2.0027	22.6525	2.00275
6000	-6.0318	-4.3875	5.1299	1.2258	6.211	2.0059	22.4773	2.00594
6100	-5.9954	-4.3431	5.1339	1.2111	6.231	2.0095	22.3124	2.00956
6200	-5.9565	-4.2963	5.1381	1.1977	6.253	2.0136	22.1675	2.01362
6300	-5.9152	-4.2470	5.1425	1.1860	6.279	2.0182	22.0427	2.01817
6400	-5.8713	-4.1952	5.1474	1.1758	6.310	2.0232	21.9375	2.02322
6500	-5.8250	-4.1410	5.1524	1.1670	6.344	2.0288	21.8509	2.02880
6600	-5.7763	-4.0844	5.1577	1.1594	6.381	2.0349	21.7826	2.03489
6700	-5.7255	-4.0256	5.1632	1.1531	6.422	2.0415	21.7314	2.04150
6800	-5.6726	-3.9648	5.1689	1.1478	6.466	2.0486	21.6960	2.04859
6900	-5.6179	-3.9022	5.1748	1.1431	6.512	2.0561	21.6754	2.05617
7000	-5.5616	-3.8379	5.1809	1.1392	6.561	2.0642	21.6585	2.06420
7100	-5.5039	-3.7723	5.1872	1.1361	6.612	2.0726	21.6732	2.07265
7200	-5.4451	-3.7055	5.1936	1.1334	6.665	2.0815	21.6897	2.08151
7300	-5.3852	-3.6378	5.2001	1.1311	6.719	2.0907	21.7156	2.09073
7400	-5.3246	-3.5693	5.2067	1.1293	6.775	2.1002	21.7504	2.10030
7500	-5.2634	-3.5002	5.2134	1.1278	6.832	2.1101	21.7930	2.11017
7600	-5.2018	-3.4308	5.2201	1.1266	6.890	2.1202	21.8425	2.12034
7700	-5.1399	-3.3611	5.2269	1.1257	6.949	2.1306	21.8975	2.13076
7800	-5.0779	-3.2913	5.2337	1.1250	7.009	2.1413	21.9579	2.14142
7900	-5.0159	-3.2216	5.2405	1.1244	7.070	2.1521	22.0224	2.15229
8000	-4.9540	-3.1520	5.2473	1.1240	7.132	2.1632	22.0907	2.16335
8100	-4.8923	-3.0827	5.2541	1.1237	7.194	2.1743	22.1518	2.17458
8200	-4.8310	-3.0137	5.2609	1.1236	7.257	2.1857	22.2357	2.18596
8300	-4.7700	-2.9452	5.2676	1.1236	7.320	2.1972	22.3115	2.19748
8400	-4.7094	-2.8771	5.2743	1.1236	7.384	2.2088	22.3891	2.20911
8500	-4.6494	-2.8097	5.2810	1.1239	7.448	2.2205	22.4676	2.22086
8600	-4.5899	-2.7428	5.2876	1.1242	7.512	2.2322	22.5472	2.23269
8700	-4.5310	-2.6766	5.2942	1.1244	7.577	2.2441	22.5272	2.24459
8800	-4.4728	-2.6111	5.3007	1.1249	7.642	2.2560	22.7076	2.25657
8900	-4.4152	-2.5463	5.3071	1.1253	7.707	2.2680	22.7881	2.26861
9000	-4.3583	-2.4823	5.3135	1.1258	7.772	2.2800	22.8683	2.28068
9100	-4.3021	-2.4189	5.3199	1.1264	7.838	2.2920	22.9483	2.29282
9200	-4.2466	-2.3564	5.3260	1.1269	7.904	2.3041	23.0278	2.30497
9300	-4.1918	-2.2947	5.3322	1.1275	7.969	2.3162	23.1068	2.31715
9400	-4.1378	-2.2338	5.3383	1.1282	8.035	2.3283	23.1849	2.32936
9500	-4.0846	-2.1737	5.3444	1.1290	8.102	2.3404	23.2620	2.34157
9600	-4.0321	-2.1144	5.3503	1.1296	8.168	2.3525	23.3387	2.35380
9700	-3.9803	-2.0559	5.3562	1.1303	8.234	2.3646	23.4140	2.36602
9800	-3.9293	-1.9983	5.3621	1.1311	8.300	2.3766	23.4882	2.37824
9900	-3.8791	-1.9414	5.3678	1.1319	8.366	2.3887	23.5513	2.39046
10000	-3.8295	-1.8853	5.3735	1.1326	8.432	2.4008	23.6334	2.40267
10100	-3.7807	-1.8301	5.3791	1.1335	8.499	2.4128	23.7042	2.41486
10200	-3.7327	-1.7756	5.3847	1.1344	8.566	2.4248	23.7735	2.42704
10300	-3.6854	-1.7219	5.3902	1.1352	8.632	2.4367	23.8417	2.43918
10400	-3.6388	-1.6690	5.3956	1.1359	8.698	2.4487	23.9090	2.45133
10500	-3.5929	-1.6169	5.4009	1.1369	8.764	2.4606	23.9744	2.46344
10600	-3.5478	-1.5655	5.4062	1.1379	8.831	2.4724	24.0385	2.47552
10700	-3.5033	-1.5149	5.4114	1.1386	8.896	2.4843	24.1012	2.48757

S/R= 74.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10800	-3.4595	-1.4650	5.4166	1.1395	8.963	2.4960	24.1630	2.49960
10900	-3.4164	-1.4158	5.4217	1.1405	9.029	2.5078	24.2232	2.51158
11000	-3.3740	-1.3674	5.4267	1.1415	9.095	2.5194	24.2819	2.52353
11100	-3.3322	-1.3197	5.4316	1.1424	9.161	2.5311	24.3392	2.53545
11200	-3.2910	-1.2727	5.4365	1.1433	9.227	2.5426	24.3953	2.54732
11300	-3.2505	-1.2264	5.4414	1.1442	9.293	2.5542	24.4503	2.55915
11400	-3.2106	-1.1807	5.4461	1.1452	9.359	2.5656	24.5036	2.57095
11500	-3.1714	-1.1357	5.4509	1.1461	9.425	2.5770	24.5558	2.58270
11600	-3.1327	-1.0914	5.4555	1.1472	9.491	2.5884	24.6064	2.59441
11700	-3.0947	-1.0477	5.4501	1.1482	9.556	2.5997	24.6560	2.60608
11800	-3.0572	-1.0047	5.4647	1.1491	9.622	2.6109	24.7042	2.61769
11900	-3.0203	-0.9622	5.4691	1.1500	9.687	2.6221	24.7513	2.62927
12000	-2.9839	-0.9204	5.4736	1.1509	9.752	2.6332	24.7969	2.64080
12100	-2.9481	-0.8792	5.4780	1.1519	9.817	2.6442	24.8412	2.65227
12200	-2.9129	-0.8386	5.4823	1.1530	9.883	2.6552	24.8846	2.66370
12300	-2.8782	-0.7985	5.4866	1.1540	9.948	2.6661	24.9266	2.67508
12400	-2.8440	-0.7591	5.4908	1.1549	10.013	2.6770	24.9673	2.68641
12500	-2.8103	-0.7202	5.4950	1.1560	10.078	2.6878	25.0070	2.69769
12600	-2.7772	-0.6818	5.4991	1.1569	10.142	2.6985	25.0452	2.70892
12700	-2.7445	-0.6440	5.5032	1.1579	10.207	2.7092	25.0828	2.72009
12800	-2.7123	-0.6067	5.5072	1.1591	10.272	2.7198	25.1188	2.73122
12900	-2.6806	-0.5699	5.5112	1.1599	10.336	2.7303	25.1539	2.74229
13000	-2.6493	-0.5337	5.5151	1.1610	10.400	2.7407	25.1877	2.75331
13100	-2.6186	-0.4979	5.5190	1.1621	10.465	2.7511	25.2207	2.76427
13200	-2.5882	-0.4627	5.5229	1.1629	10.528	2.7614	25.2525	2.77518
13300	-2.5584	-0.4279	5.5267	1.1640	10.593	2.7716	25.2833	2.78604
13400	-2.5289	-0.3937	5.5304	1.1650	10.657	2.7818	25.3130	2.79683
13500	-2.4999	-0.3598	5.5342	1.1660	10.720	2.7919	25.3418	2.80758
13600	-2.4713	-0.3265	5.5379	1.1671	10.784	2.8019	25.3697	2.81827
13700	-2.4431	-0.2936	5.5415	1.1681	10.848	2.8119	25.3961	2.82890
13800	-2.4153	-0.2611	5.5451	1.1690	10.910	2.8218	25.4220	2.83947
13900	-2.3880	-0.2291	5.5486	1.1674	10.961	2.8316	25.4465	2.84999
14000	-2.3605	-0.1970	5.5522	1.1711	11.037	2.8409	25.4736	2.86006
14100	-2.3344	-0.1664	5.5556	1.1750	11.114	2.8510	25.4934	2.87085
14200	-2.3082	-0.1356	5.5591	1.1733	11.164	2.8606	25.5153	2.88120
14300	-2.2823	-0.1053	5.5625	1.1742	11.226	2.8701	25.5364	2.89148
14400	-2.2568	-0.0753	5.5659	1.1751	11.288	2.8796	25.5565	2.90172
14500	-2.2317	-0.0457	5.5692	1.1763	11.351	2.8889	25.5762	2.91189
14600	-2.2069	-0.0166	5.5725	1.1774	11.414	2.8982	25.5943	2.92199
14700	-2.1825	0.0122	5.5758	1.1783	11.476	2.9075	25.6120	2.93205
14800	-2.1584	0.0406	5.5790	1.1793	11.538	2.9166	25.6288	2.94205
14900	-2.1346	0.0686	5.5822	1.1805	11.601	2.9257	25.6447	2.95197
15000	-2.1112	0.0963	5.5853	1.1811	11.660	2.9347	25.6598	2.96184

S/R= 75.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4400	-6.9920	-5.5021	5.0588	1.1189	4.968	1.9171	26.0205	1.91709
4500	-6.8777	-5.3741	5.0682	1.1252	5.060	1.9341	26.0028	1.93408
4600	-6.7817	-5.2654	5.0764	1.1408	5.171	1.9484	25.9180	1.94836
4700	-6.7026	-5.1745	5.0832	1.1609	5.288	1.9599	25.7715	1.95992
4800	-6.6383	-5.0990	5.0890	1.1858	5.414	1.9690	25.5721	1.96901
4900	-6.5863	-5.0365	5.0939	1.2154	5.547	1.9759	25.3316	1.97592
5000	-6.5436	-4.9839	5.0980	1.2460	5.681	1.9811	25.0622	1.98113
5100	-6.5075	-4.9383	5.1016	1.2734	5.806	1.9851	24.7768	1.98505

S/R= 75.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5200	-6.4757	-4.8974	5.1049	1.2932	5.913	1.9881	24.4857	1.98813
5300	-6.4463	-4.8592	5.1080	1.3015	5.992	1.9907	24.1975	1.99068
5400	-6.4179	-4.8221	5.1111	1.2994	6.047	1.9930	23.9184	1.99299
5500	-6.3893	-4.7851	5.1142	1.2893	6.083	1.9952	23.6522	1.99525
5600	-6.3598	-4.7472	5.1174	1.2741	6.105	1.9976	23.4023	1.99760
5700	-6.3288	-4.7080	5.1208	1.2564	6.120	2.0002	23.1712	2.00018
5800	-6.2957	-4.6667	5.1244	1.2386	6.134	2.0031	22.9595	2.00308
5900	-6.2604	-4.6233	5.1282	1.2219	6.150	2.0064	22.7590	2.00638
6000	-6.2225	-4.5772	5.1323	1.2065	6.169	2.0101	22.6001	2.01013
6100	-6.1819	-4.5286	5.1365	1.1928	6.191	2.0144	22.4535	2.01439
6200	-6.1385	-4.4771	5.1412	1.1808	6.217	2.0192	22.3284	2.01918
6300	-6.0924	-4.4228	5.1462	1.1705	6.248	2.0245	22.2244	2.02453
6400	-6.0435	-4.3659	5.1514	1.1618	6.283	2.0304	22.1409	2.03044
6500	-5.9921	-4.3064	5.1569	1.1544	6.322	2.0369	22.0768	2.03690
6600	-5.9383	-4.2445	5.1625	1.1481	6.364	2.0439	22.0311	2.04391
6700	-5.8824	-4.1804	5.1685	1.1428	6.409	2.0514	22.0022	2.05146
6800	-5.8245	-4.1144	5.1747	1.1385	6.457	2.0595	21.9888	2.05950
6900	-5.7649	-4.0466	5.1811	1.1348	6.507	2.0680	21.9895	2.06803
7000	-5.7038	-3.9774	5.1875	1.1318	6.560	2.0770	22.0031	2.07700
7100	-5.6416	-3.9071	5.1942	1.1293	6.614	2.0863	22.0281	2.08639
7200	-5.5784	-3.8358	5.2010	1.1272	6.670	2.0961	22.0633	2.09616
7300	-5.5144	-3.7637	5.2079	1.1255	6.727	2.1062	22.1075	2.10628
7400	-5.4498	-3.6911	5.2148	1.1242	6.786	2.1166	22.1593	2.11672
7500	-5.3849	-3.6181	5.2218	1.1231	6.845	2.1274	22.2179	2.12745
7600	-5.3197	-3.5450	5.2288	1.1222	6.906	2.1383	22.2822	2.13845
7700	-5.2546	-3.4719	5.2358	1.1217	6.968	2.1495	22.3516	2.14968
7800	-5.1894	-3.3988	5.2428	1.1212	7.030	2.1610	22.4253	2.16112
7900	-5.1245	-3.3260	5.2499	1.1209	7.093	2.1726	22.5020	2.17274
8000	-5.0598	-3.2536	5.2569	1.1208	7.157	2.1843	22.5822	2.18454
8100	-4.9956	-3.1816	5.2638	1.1207	7.220	2.1962	22.6643	2.19649
8200	-4.9318	-3.1101	5.2708	1.1208	7.285	2.2083	22.7482	2.20856
8300	-4.8685	-3.0392	5.2777	1.1210	7.350	2.2204	22.8335	2.22075
8400	-4.8058	-2.9689	5.2845	1.1211	7.415	2.2327	22.9198	2.23304
8500	-4.7438	-2.8993	5.2913	1.1216	7.481	2.2450	23.0068	2.24542
8600	-4.6825	-2.8305	5.2980	1.1220	7.547	2.2574	23.0940	2.25787
8700	-4.6219	-2.7624	5.3047	1.1223	7.613	2.2698	23.1813	2.27038
8800	-4.5619	-2.6952	5.3113	1.1229	7.679	2.2824	23.2684	2.28294
8900	-4.5027	-2.6287	5.3178	1.1235	7.746	2.2949	23.3551	2.29555
9000	-4.4443	-2.5631	5.3242	1.1240	7.813	2.3074	23.4412	2.30818
9100	-4.3867	-2.4983	5.3305	1.1247	7.880	2.3200	23.5269	2.32086
9200	-4.3300	-2.4345	5.3369	1.1253	7.947	2.3326	23.6112	2.33353
9300	-4.2740	-2.3715	5.3431	1.1260	8.014	2.3452	23.6949	2.34623
9400	-4.2189	-2.3093	5.3493	1.1267	8.081	2.3578	23.7778	2.35895
9500	-4.1644	-2.2481	5.3554	1.1276	8.149	2.3704	23.8591	2.37166
9600	-4.1109	-2.1877	5.3614	1.1283	8.216	2.3830	23.9392	2.38436
9700	-4.0582	-2.1281	5.3673	1.1290	8.283	2.3956	24.0183	2.39705
9800	-4.0062	-2.0695	5.3732	1.1299	8.350	2.4081	24.0962	2.40975
9900	-3.9551	-2.0117	5.3790	1.1307	8.418	2.4206	24.1722	2.42241
10000	-3.9048	-1.9547	5.3847	1.1315	8.485	2.4331	24.2469	2.43506
10100	-3.8552	-1.8987	5.3903	1.1323	8.552	2.4456	24.3206	2.44769
10200	-3.8064	-1.8434	5.3959	1.1333	8.620	2.4580	24.3925	2.46030
10300	-3.7585	-1.7890	5.4013	1.1342	8.687	2.4704	24.4629	2.47286
10400	-3.7112	-1.7354	5.4068	1.1350	8.754	2.4827	24.5318	2.48540
10500	-3.6647	-1.6826	5.4121	1.1360	8.822	2.4950	24.5993	2.49792
10600	-3.6189	-1.6306	5.4174	1.1369	8.889	2.5072	24.6656	2.51040

S/R= 75.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10700	-3.5739	-1.5793	5.4226	1.1377	8.956	2.5194	24.7299	2.52283
10800	-3.5296	-1.5289	5.4278	1.1387	9.023	2.5316	24.7930	2.53523
10900	-3.4860	-1.4792	5.4328	1.1398	9.091	2.5437	24.8545	2.54759
11000	-3.4431	-1.4303	5.4378	1.1407	9.157	2.5557	24.9147	2.55991
11100	-3.4008	-1.3821	5.4428	1.1417	9.225	2.5677	24.9736	2.57220
11200	-3.3592	-1.3346	5.4477	1.1426	9.291	2.5796	25.0303	2.58442
11300	-3.3184	-1.2879	5.4525	1.1435	9.358	2.5915	25.0858	2.59659
11400	-3.2781	-1.2418	5.4573	1.1446	9.425	2.6033	25.1400	2.60872
11500	-3.2385	-1.1964	5.4620	1.1455	9.491	2.6151	25.1930	2.62082
11600	-3.1994	-1.1517	5.4666	1.1466	9.558	2.6267	25.2442	2.63286
11700	-3.1611	-1.1077	5.4712	1.1476	9.625	2.6383	25.2943	2.64485
11800	-3.1233	-1.0644	5.4757	1.1486	9.691	2.6499	25.3427	2.65677
11900	-3.0861	-1.0216	5.4802	1.1495	9.757	2.6614	25.3899	2.66865
12000	-3.0495	-0.9795	5.4846	1.1504	9.823	2.6728	25.4360	2.68049
12100	-3.0134	-0.9380	5.4890	1.1514	9.889	2.6841	25.4804	2.69227
12200	-2.9780	-0.8971	5.4933	1.1526	9.956	2.6954	25.5238	2.70399
12300	-2.9431	-0.8569	5.4976	1.1537	10.022	2.7066	25.5658	2.71566
12400	-2.9087	-0.8172	5.5018	1.1546	10.087	2.7177	25.6064	2.72727
12500	-2.8748	-0.7781	5.5059	1.1557	10.153	2.7288	25.6459	2.73882
12600	-2.8415	-0.7395	5.5100	1.1566	10.218	2.7398	25.6843	2.75034
12700	-2.8086	-0.7015	5.5141	1.1575	10.283	2.7507	25.7212	2.76177
12800	-2.7763	-0.6641	5.5181	1.1588	10.350	2.7616	25.7570	2.77316
12900	-2.7444	-0.6271	5.5221	1.1597	10.414	2.7724	25.7916	2.78449
13000	-2.7131	-0.5907	5.5260	1.1608	10.480	2.7831	25.8251	2.79576
13100	-2.6822	-0.5549	5.5299	1.1620	10.545	2.7937	25.8573	2.80696
13200	-2.6517	-0.5195	5.5337	1.1627	10.609	2.8042	25.8887	2.81811
13300	-2.6218	-0.4846	5.5375	1.1639	10.674	2.8147	25.9188	2.82921
13400	-2.5922	-0.4502	5.5412	1.1651	10.739	2.8251	25.9478	2.84024
13500	-2.5631	-0.4163	5.5449	1.1659	10.803	2.8355	25.9758	2.85121
13600	-2.5345	-0.3829	5.5486	1.1670	10.868	2.8457	26.0027	2.86212
13700	-2.5062	-0.3499	5.5522	1.1681	10.932	2.8559	26.0285	2.87296
13800	-2.4784	-0.3174	5.5557	1.1691	10.996	2.8660	26.0532	2.88375
13900	-2.4510	-0.2853	5.5593	1.1673	11.047	2.8760	26.0769	2.89447
14000	-2.4234	-0.2532	5.5628	1.1712	11.123	2.8855	26.1033	2.90473
14100	-2.3973	-0.2225	5.5662	1.1752	11.202	2.8958	26.1216	2.91573
14200	-2.3711	-0.1917	5.5696	1.1735	11.252	2.9056	26.1426	2.92627
14300	-2.3453	-0.1614	5.5730	1.1745	11.316	2.9153	26.1626	2.93674
14400	-2.3197	-0.1314	5.5764	1.1754	11.378	2.9250	26.1818	2.94716
14500	-2.2946	-0.1019	5.5797	1.1765	11.442	2.9346	26.1998	2.95750
14600	-2.2699	-0.0727	5.5829	1.1777	11.505	2.9440	26.2167	2.96778
14700	-2.2454	-0.0439	5.5862	1.1786	11.567	2.9534	26.2333	2.97801
14800	-2.2213	-0.0155	5.5894	1.1797	11.630	2.9628	26.2488	2.98817
14900	-2.1976	0.0125	5.5925	1.1810	11.694	2.9720	26.2634	2.99825
15000	-2.1742	0.0401	5.5957	1.1816	11.755	2.9812	26.2770	3.00827

S/R= 76.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4600	-6.9377	-5.4187	5.0815	1.1717	5.257	1.9605	26.2282	1.96048
4700	-6.8714	-5.3410	5.0874	1.1848	5.356	1.9697	26.0177	1.96973
4800	-6.8184	-5.2774	5.0922	1.2162	5.493	1.9767	25.7618	1.97666
4900	-6.7754	-5.2243	5.0963	1.2497	5.633	1.9818	25.4756	1.98179
5000	-6.7395	-5.1788	5.0999	1.2788	5.762	1.9856	25.1721	1.98562
5100	-6.7078	-5.1378	5.1031	1.2989	5.869	1.9886	24.8539	1.98855
5200	-6.6786	-5.0996	5.1062	1.3078	5.950	1.9910	24.5594	1.99100

S/R= 76.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5300	-6.6532	-5.0625	5.1093	1.3040	6.002	1.9932	24.2552	1.99321
5400	-6.6215	-5.0252	5.1123	1.2919	6.033	1.9954	23.9856	1.99539
5500	-6.5917	-4.9869	5.1156	1.2748	6.052	1.9977	23.7243	1.99773
5600	-6.5601	-4.9470	5.1189	1.2554	6.064	2.0003	23.4830	2.00032
5700	-6.5263	-4.9048	5.1226	1.2363	6.076	2.0033	23.2538	2.00328
5800	-6.4898	-4.8601	5.1264	1.2185	6.090	2.0067	23.0571	2.00667
5900	-6.4505	-4.8125	5.1306	1.2023	6.107	2.0106	22.8940	2.01056
6000	-6.4081	-4.7619	5.1350	1.1883	6.129	2.0150	22.7445	2.01500
6100	-6.3628	-4.7082	5.1398	1.1762	6.156	2.0200	22.6190	2.02003
6200	-6.3143	-4.6515	5.1449	1.1657	6.187	2.0257	22.5162	2.02565
6300	-6.2629	-4.5918	5.1503	1.1569	6.223	2.0319	22.4355	2.03189
6400	-6.2087	-4.5293	5.1560	1.1496	6.263	2.0387	22.3755	2.03872
6500	-6.1519	-4.4642	5.1619	1.1435	6.306	2.0461	22.3351	2.04614
6600	-6.0927	-4.3967	5.1681	1.1384	6.353	2.0541	22.3127	2.05413
6700	-6.0316	-4.3272	5.1745	1.1342	6.402	2.0626	22.3067	2.06265
6800	-5.9686	-4.2559	5.1811	1.1306	6.454	2.0716	22.3155	2.07167
6900	-5.9041	-4.1831	5.1879	1.1278	6.508	2.0811	22.3375	2.08117
7000	-5.8384	-4.1091	5.1948	1.1254	6.563	2.0910	22.3717	2.09108
7100	-5.7717	-4.0341	5.2018	1.1235	6.621	2.1013	22.4159	2.10140
7200	-5.7042	-3.9583	5.2089	1.1220	6.680	2.1120	22.4694	2.11208
7300	-5.6363	-3.8821	5.2161	1.1207	6.739	2.1230	22.5307	2.12308
7400	-5.5680	-3.8056	5.2233	1.1198	6.801	2.1343	22.5987	2.13438
7500	-5.4995	-3.7290	5.2306	1.1191	6.863	2.1458	22.6724	2.14594
7600	-5.4311	-3.6524	5.2378	1.1185	6.926	2.1576	22.7510	2.15774
7700	-5.3628	-3.5761	5.2451	1.1183	6.989	2.1696	22.8336	2.16975
7800	-5.2947	-3.5000	5.2523	1.1181	7.054	2.1818	22.9195	2.18194
7900	-5.2271	-3.4244	5.2595	1.1180	7.119	2.1941	23.0080	2.19431
8000	-5.1599	-3.3492	5.2667	1.1181	7.184	2.2066	23.0987	2.20681
8100	-5.0933	-3.2748	5.2738	1.1181	7.250	2.2192	23.1908	2.21944
8200	-5.0273	-3.2009	5.2809	1.1184	7.316	2.2319	23.2839	2.23218
8300	-4.9619	-3.1278	5.2879	1.1187	7.383	2.2447	23.3778	2.24502
8400	-4.8973	-3.0555	5.2948	1.1190	7.449	2.2576	23.4722	2.25794
8500	-4.8334	-2.9840	5.3017	1.1195	7.517	2.2705	23.5666	2.27093
8600	-4.7703	-2.9133	5.3085	1.1201	7.584	2.2835	23.6609	2.28397
8700	-4.7080	-2.8436	5.3153	1.1206	7.652	2.2965	23.7546	2.29706
8800	-4.6466	-2.7747	5.3219	1.1211	7.719	2.3096	23.8478	2.31018
8900	-4.5860	-2.7068	5.3285	1.1219	7.787	2.3227	23.9403	2.32334
9000	-4.5263	-2.6398	5.3350	1.1225	7.855	2.3357	24.0314	2.33651
9100	-4.4674	-2.5737	5.3415	1.1231	7.923	2.3488	24.1218	2.34970
9200	-4.4094	-2.5085	5.3478	1.1239	7.991	2.3620	24.2110	2.36290
9300	-4.3524	-2.4444	5.3541	1.1247	8.060	2.3750	24.2988	2.37609
9400	-4.2961	-2.3811	5.3603	1.1254	8.128	2.3881	24.3853	2.38929
9500	-4.2408	-2.3188	5.3664	1.1263	8.197	2.4012	24.4706	2.40247
9600	-4.1863	-2.2574	5.3724	1.1271	8.265	2.4142	24.5542	2.41564
9700	-4.1327	-2.1970	5.3783	1.1279	8.333	2.4273	24.6362	2.42878
9800	-4.0800	-2.1374	5.3842	1.1288	8.402	2.4402	24.7167	2.44192
9900	-4.0280	-2.0788	5.3900	1.1296	8.470	2.4532	24.7959	2.45503
10000	-3.9769	-2.0210	5.3957	1.1305	8.539	2.4661	24.8731	2.46811
10100	-3.9267	-1.9643	5.4014	1.1314	8.607	2.4790	24.9487	2.48115
10200	-3.8772	-1.9083	5.4069	1.1323	8.675	2.4918	25.0228	2.49417
10300	-3.8286	-1.8532	5.4124	1.1333	8.744	2.5046	25.0951	2.50714
10400	-3.7809	-1.7989	5.4179	1.1342	8.812	2.5173	25.1662	2.52009
10500	-3.7337	-1.7456	5.4232	1.1352	8.880	2.5300	25.2349	2.53297
10600	-3.6875	-1.6930	5.4285	1.1362	8.949	2.5426	25.3025	2.54584
10700	-3.6419	-1.6412	5.4337	1.1370	9.016	2.5552	25.3684	2.55865

S/R= 76.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10800	-3.5971	-1.5903	5.4388	1.1380	9.084	2.5677	25.4327	2.57142
10900	-3.5531	-1.5401	5.4439	1.1391	9.153	2.5802	25.4953	2.58413
11000	-3.5098	-1.4908	5.4489	1.1400	9.220	2.5925	25.5561	2.59680
11100	-3.4671	-1.4421	5.4538	1.1411	9.289	2.6049	25.6157	2.60943
11200	-3.4252	-1.3943	5.4587	1.1420	9.356	2.6171	25.6735	2.62200
11300	-3.3839	-1.3471	5.4635	1.1430	9.424	2.6293	25.7296	2.63451
11400	-3.3433	-1.3007	5.4683	1.1441	9.492	2.6415	25.7842	2.64696
11500	-3.3034	-1.2550	5.4730	1.1450	9.559	2.6535	25.8376	2.65938
11600	-3.2641	-1.2100	5.4776	1.1461	9.626	2.6655	25.8890	2.67174
11700	-3.2254	-1.1657	5.4821	1.1471	9.694	2.6774	25.9393	2.68404
11800	-3.1874	-1.1223	5.4867	1.1482	9.761	2.6893	25.9882	2.69627
11900	-3.1500	-1.0791	5.4911	1.1492	9.828	2.7011	26.0354	2.70844
12000	-3.1132	-1.0367	5.4955	1.1501	9.894	2.7128	26.0813	2.72058
12100	-3.0769	-0.9950	5.4999	1.1511	9.961	2.7244	26.1257	2.73264
12200	-3.0412	-0.9539	5.5041	1.1523	10.029	2.7360	26.1691	2.74465
12300	-3.0061	-0.9134	5.5084	1.1533	10.096	2.7475	26.2105	2.75659
12400	-2.9716	-0.8736	5.5126	1.1543	10.162	2.7589	26.2509	2.76847
12500	-2.9376	-0.8343	5.5167	1.1555	10.229	2.7702	26.2899	2.78029
12600	-2.9041	-0.7956	5.5208	1.1565	10.295	2.7815	26.3278	2.79206
12700	-2.8711	-0.7574	5.5248	1.1574	10.361	2.7926	26.3644	2.80375
12800	-2.8386	-0.7199	5.5288	1.1586	10.427	2.8037	26.3994	2.81539
12900	-2.8067	-0.6828	5.5327	1.1596	10.493	2.8148	26.4336	2.82696
13000	-2.7752	-0.6463	5.5366	1.1607	10.559	2.8257	26.4665	2.83847
13100	-2.7443	-0.6104	5.5405	1.1619	10.626	2.8366	26.4976	2.84990
13200	-2.7138	-0.5749	5.5443	1.1628	10.690	2.8473	26.5284	2.86128
13300	-2.6837	-0.5399	5.5480	1.1639	10.756	2.8581	26.5576	2.87260
13400	-2.6541	-0.5055	5.5518	1.1650	10.822	2.8687	26.5857	2.88385
13500	-2.6250	-0.4715	5.5554	1.1659	10.886	2.8792	26.6125	2.89504
13600	-2.5963	-0.4380	5.5591	1.1671	10.952	2.8897	26.6387	2.90615
13700	-2.5680	-0.4050	5.5625	1.1682	11.017	2.9001	26.6632	2.91720
13800	-2.5402	-0.3725	5.5662	1.1693	11.082	2.9104	26.6870	2.92818
13900	-2.5128	-0.3404	5.5697	1.1675	11.133	2.9206	26.7096	2.93909
14000	-2.4852	-0.3083	5.5732	1.1714	11.210	2.9303	26.7348	2.94951
14100	-2.4591	-0.2776	5.5766	1.1755	11.290	2.9408	26.7519	2.96072
14200	-2.4329	-0.2468	5.5800	1.1737	11.340	2.9508	26.7713	2.97144
14300	-2.4070	-0.2164	5.5833	1.1749	11.405	2.9607	26.7902	2.98209
14400	-2.3815	-0.1865	5.5866	1.1758	11.468	2.9705	26.8079	2.99267
14500	-2.3564	-0.1570	5.5899	1.1770	11.533	2.9803	26.8245	3.00317
14600	-2.3317	-0.1279	5.5931	1.1781	11.597	2.9899	26.8399	3.01360
14700	-2.3074	-0.0992	5.5963	1.1790	11.660	2.9995	26.8551	3.02398
14800	-2.2833	-0.0708	5.5995	1.1803	11.724	3.0090	26.8691	3.03429
14900	-2.2597	-0.0428	5.6026	1.1815	11.788	3.0184	26.8820	3.04451
15000	-2.2363	-0.0153	5.6057	1.1821	11.848	3.0277	26.8939	3.05467

S/R= 77.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4900	-6.9722	-5.4202	5.0981	1.2993	5.750	1.9860	25.5805	1.98598
5000	-6.9409	-5.3794	5.1013	1.3053	5.826	1.9888	25.2540	1.98884
5100	-6.9116	-5.3411	5.1043	1.3129	5.905	1.9912	24.9328	1.99117
5200	-6.8833	-5.3038	5.1073	1.3089	5.956	1.9933	24.6225	1.99330
5300	-6.8545	-5.2663	5.1104	1.2949	5.984	1.9954	24.3290	1.99544
5400	-6.8244	-5.2277	5.1136	1.2760	6.000	1.9977	24.0552	1.99774
5500	-6.7923	-5.1870	5.1170	1.2551	6.009	2.0003	23.8034	2.00033
5600	-6.7577	-5.1439	5.1206	1.2345	6.018	2.0033	23.5751	2.00333

S/R= 77.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5700	-6.7202	-5.0980	5.1246	1.2155	6.030	2.0068	23.3718	2.00680
5800	-6.6795	-5.0489	5.1288	1.1988	6.046	2.0108	23.1938	2.01082
5900	-6.6355	-4.9964	5.1334	1.1841	6.068	2.0154	23.0415	2.01544
6000	-6.5880	-4.9405	5.1383	1.1717	6.095	2.0207	22.9146	2.02069
6100	-6.5372	-4.8813	5.1435	1.1614	6.127	2.0266	22.8125	2.02659
6200	-6.4832	-4.8188	5.1491	1.1526	6.164	2.0331	22.7344	2.03314
6300	-6.4262	-4.7533	5.1550	1.1453	6.205	2.0403	22.6785	2.04035
6400	-6.3663	-4.6849	5.1611	1.1392	6.249	2.0482	22.6432	2.04816
6500	-6.3040	-4.6141	5.1675	1.1343	6.297	2.0566	22.6273	2.05659
6600	-6.2394	-4.5410	5.1742	1.1303	6.348	2.0656	22.6286	2.06558
6700	-6.1730	-4.4660	5.1811	1.1268	6.400	2.0751	22.6454	2.07510
6800	-6.1050	-4.3895	5.1881	1.1241	6.456	2.0851	22.6762	2.08510
6900	-6.0357	-4.3117	5.1952	1.1219	6.513	2.0955	22.7192	2.09555
7000	-5.9655	-4.2330	5.2025	1.1200	6.572	2.1064	22.7728	2.10641
7100	-5.8945	-4.1536	5.2099	1.1187	6.632	2.1176	22.8355	2.11763
7200	-5.8231	-4.0737	5.2173	1.1176	6.693	2.1291	22.9065	2.12920
7300	-5.7513	-3.9935	5.2247	1.1167	6.756	2.1410	22.9840	2.14106
7400	-5.6795	-3.9133	5.2322	1.1162	6.819	2.1531	23.0671	2.15320
7500	-5.6078	-3.8333	5.2397	1.1157	6.884	2.1655	23.1550	2.16556
7600	-5.5362	-3.7535	5.2472	1.1154	6.949	2.1780	23.2465	2.17814
7700	-5.4651	-3.6741	5.2546	1.1153	7.014	2.1908	23.3416	2.19090
7800	-5.3943	-3.5952	5.2620	1.1153	7.080	2.2037	23.4389	2.20382
7900	-5.3242	-3.5170	5.2694	1.1155	7.147	2.2167	23.5377	2.21689
8000	-5.2546	-3.4394	5.2767	1.1157	7.214	2.2298	23.6380	2.23007
8100	-5.1858	-3.3626	5.2840	1.1159	7.282	2.2431	23.7394	2.24337
8200	-5.1178	-3.2867	5.2911	1.1163	7.349	2.2565	23.8408	2.25675
8300	-5.0505	-3.2116	5.2983	1.1168	7.418	2.2699	23.9425	2.27021
8400	-4.9840	-3.1373	5.3053	1.1172	7.486	2.2833	24.0445	2.28373
8500	-4.9185	-3.0641	5.3123	1.1178	7.554	2.2969	24.1454	2.29730
8600	-4.8538	-2.9918	5.3191	1.1184	7.623	2.3104	24.2458	2.31091
8700	-4.7901	-2.9205	5.3259	1.1190	7.692	2.3240	24.3456	2.32456
8800	-4.7273	-2.8502	5.3327	1.1197	7.761	2.3376	24.4439	2.33822
8900	-4.6654	-2.7809	5.3393	1.1205	7.830	2.3512	24.5413	2.35190
9000	-4.6045	-2.7126	5.3458	1.1211	7.899	2.3648	24.6378	2.36559
9100	-4.5445	-2.6453	5.3523	1.1218	7.968	2.3784	24.7321	2.37928
9200	-4.4854	-2.5790	5.3587	1.1227	8.038	2.3920	24.8251	2.39297
9300	-4.4273	-2.5138	5.3650	1.1235	8.107	2.4056	24.9170	2.40665
9400	-4.3701	-2.4495	5.3712	1.1243	8.177	2.4191	25.0069	2.42031
9500	-4.3139	-2.3863	5.3773	1.1252	8.246	2.4326	25.0949	2.43394
9600	-4.2586	-2.3240	5.3834	1.1261	8.316	2.4461	25.1818	2.44757
9700	-4.2041	-2.2627	5.3893	1.1269	8.385	2.4596	25.2664	2.46116
9800	-4.1507	-2.2024	5.3952	1.1278	8.454	2.4730	25.3495	2.47472
9900	-4.0981	-2.1430	5.4010	1.1288	8.524	2.4864	25.4306	2.48824
10000	-4.0463	-2.0845	5.4067	1.1297	8.593	2.4997	25.5103	2.50174
10100	-3.9954	-2.0270	5.4124	1.1306	8.662	2.5130	25.5879	2.51519
10200	-3.9454	-1.9705	5.4179	1.1316	8.732	2.5262	25.6636	2.52860
10300	-3.8962	-1.9148	5.4234	1.1325	8.801	2.5393	25.7374	2.54196
10400	-3.8478	-1.8600	5.4288	1.1334	8.870	2.5525	25.8098	2.55529
10500	-3.8003	-1.8061	5.4342	1.1345	8.940	2.5655	25.8801	2.56856
10600	-3.7536	-1.7530	5.4394	1.1355	9.009	2.5785	25.9487	2.58178
10700	-3.7076	-1.7008	5.4446	1.1364	9.078	2.5914	26.0154	2.59495
10800	-3.6624	-1.6494	5.4497	1.1375	9.147	2.6043	26.0809	2.60807
10900	-3.6179	-1.5988	5.4548	1.1385	9.216	2.6171	26.1442	2.62114
11000	-3.5742	-1.5491	5.4598	1.1394	9.284	2.6298	26.2055	2.63415
11100	-3.5313	-1.5001	5.4647	1.1405	9.353	2.6425	26.2656	2.64711



S/R= 77.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11200	-3.4890	-1.4519	5.4696	1.1415	9.422	2.6551	26.3238	2.66000
11300	-3.4475	-1.4044	5.4744	1.1426	9.490	2.6676	26.3803	2.67283
11400	-3.4066	-1.3577	5.4791	1.1436	9.559	2.6800	26.4354	2.68562
11500	-3.3664	-1.3117	5.4838	1.1447	9.627	2.6924	26.4888	2.69833
11600	-3.3269	-1.2664	5.4884	1.1457	9.695	2.7047	26.5404	2.71099
11700	-3.2880	-1.2219	5.4929	1.1467	9.763	2.7169	26.5906	2.72359
11800	-3.2497	-1.1780	5.4974	1.1478	9.831	2.7291	26.6391	2.73611
11900	-3.2121	-1.1348	5.5018	1.1489	9.899	2.7411	26.6864	2.74858
12000	-3.1751	-1.0922	5.5062	1.1499	9.967	2.7531	26.7320	2.76099
12100	-3.1387	-1.0503	5.5105	1.1509	10.034	2.7650	26.7758	2.77333
12200	-3.1028	-1.0091	5.5148	1.1521	10.103	2.7769	26.8189	2.78560
12300	-3.0676	-0.9684	5.5190	1.1531	10.170	2.7886	26.8600	2.79781
12400	-3.0329	-0.9284	5.5232	1.1541	10.237	2.8003	26.8997	2.80995
12500	-2.9988	-0.8890	5.5273	1.1553	10.305	2.8119	26.9384	2.82203
12600	-2.9652	-0.8502	5.5313	1.1564	10.372	2.8234	26.9754	2.83403
12700	-2.9321	-0.8119	5.5353	1.1574	10.438	2.8348	27.0112	2.84597
12800	-2.8996	-0.7743	5.5393	1.1585	10.505	2.8461	27.0455	2.85784
12900	-2.8676	-0.7371	5.5432	1.1596	10.572	2.8574	27.0787	2.86964
13000	-2.8360	-0.7006	5.5471	1.1607	10.639	2.8686	27.1105	2.88138
13100	-2.8050	-0.6645	5.5509	1.1619	10.706	2.8796	27.1412	2.89304
13200	-2.7745	-0.6290	5.5547	1.1629	10.772	2.8906	27.1705	2.90463
13300	-2.7444	-0.5941	5.5584	1.1640	10.838	2.9016	27.1988	2.91615
13400	-2.7148	-0.5596	5.5621	1.1652	10.905	2.9124	27.2257	2.92760
13500	-2.6856	-0.5256	5.5657	1.1661	10.970	2.9232	27.2515	2.93899
13600	-2.6569	-0.4921	5.5693	1.1673	11.036	2.9338	27.2761	2.95030
13700	-2.6286	-0.4591	5.5729	1.1684	11.102	2.9444	27.2998	2.96153
13800	-2.6008	-0.4265	5.5764	1.1696	11.168	2.9549	27.3219	2.97270
13900	-2.5734	-0.3945	5.5799	1.1676	11.218	2.9653	27.3434	2.98379
14000	-2.5458	-0.3623	5.5834	1.1718	11.297	2.9752	27.3671	2.99435
14100	-2.5198	-0.3317	5.5867	1.1761	11.379	2.9859	27.3826	3.00575
14200	-2.4936	-0.3009	5.5901	1.1741	11.429	2.9960	27.4008	3.01663
14300	-2.4678	-0.2707	5.5934	1.1753	11.494	3.0061	27.4180	3.02743
14400	-2.4424	-0.2407	5.5966	1.1763	11.558	3.0161	27.4337	3.03816
14500	-2.4174	-0.2113	5.5999	1.1775	11.624	3.0260	27.4490	3.04881
14600	-2.3927	-0.1822	5.6031	1.1785	11.687	3.0358	27.4628	3.05938
14700	-2.3684	-0.1536	5.6063	1.1796	11.751	3.0455	27.4762	3.06989
14800	-2.3445	-0.1253	5.6094	1.1809	11.817	3.0552	27.4883	3.08033
14900	-2.3209	-0.0975	5.6125	1.1822	11.881	3.0647	27.4995	3.09068
15000	-2.2976	-0.0700	5.6156	1.1827	11.942	3.0742	27.5097	3.10095

S/R= 78.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5500	-6.9901	-5.3842	5.1187	1.2234	5.937	2.0032	23.8943	2.00324
5600	-6.9516	-5.3371	5.1226	1.2133	5.971	2.0068	23.6834	2.00678
5700	-6.9096	-5.2865	5.1269	1.1956	5.986	2.0109	23.4998	2.01091
5800	-6.8639	-5.2322	5.1316	1.1806	6.008	2.0157	23.3438	2.01569
5900	-6.8145	-5.1742	5.1366	1.1679	6.035	2.0212	23.2153	2.02116
6000	-6.7614	-5.1125	5.1420	1.1573	6.067	2.0273	23.1132	2.02732
6100	-6.7048	-5.0472	5.1478	1.1486	6.105	2.0342	23.0371	2.03418
6200	-6.6448	-4.9786	5.1538	1.1414	6.147	2.0417	22.9847	2.04173
6300	-6.5819	-4.9069	5.1602	1.1354	6.192	2.0499	22.9547	2.04995
6400	-6.5163	-4.8326	5.1669	1.1304	6.241	2.0588	22.9450	2.05880
6500	-6.4483	-4.7559	5.1738	1.1265	6.293	2.0682	22.9537	2.06825
6600	-6.3783	-4.6772	5.1809	1.1233	6.348	2.0782	22.9785	2.07825

S/R= 78.0

T	LOG(RHO)	LJG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6700	-6.3068	-4.5969	5.1881	1.1207	6.404	2.0887	23.0179	2.08877
6800	-6.2339	-4.5154	5.1955	1.1186	6.463	2.0997	23.0700	2.09974
6900	-6.1670	-4.4328	5.2031	1.1169	6.523	2.1111	23.1330	2.11115
7000	-6.0854	-4.3496	5.2107	1.1156	6.584	2.1229	23.2053	2.12293
7100	-6.0104	-4.2659	5.2183	1.1147	6.647	2.1350	23.2857	2.13505
7200	-5.9352	-4.1821	5.2260	1.1139	6.711	2.1474	23.3727	2.14748
7300	-5.8599	-4.0983	5.2338	1.1133	6.776	2.1601	23.4654	2.16017
7400	-5.7848	-4.0146	5.2415	1.1130	6.841	2.1730	23.5626	2.17310
7500	-5.7100	-3.9314	5.2491	1.1128	6.907	2.1861	23.6633	2.18624
7600	-5.6356	-3.8486	5.2568	1.1128	6.974	2.1994	23.7673	2.19956
7700	-5.5618	-3.7665	5.2644	1.1129	7.042	2.2129	23.8734	2.21305
7800	-5.4886	-3.6850	5.2720	1.1130	7.110	2.2265	23.9810	2.22667
7900	-5.4161	-3.6043	5.2795	1.1133	7.178	2.2402	24.0894	2.24041
8000	-5.3444	-3.5245	5.2869	1.1137	7.247	2.2540	24.1987	2.25425
8100	-5.2736	-3.4457	5.2942	1.1141	7.316	2.2679	24.3080	2.26817
8200	-5.2037	-3.3677	5.3015	1.1145	7.385	2.2819	24.4176	2.28218
8300	-5.1347	-3.2908	5.3087	1.1151	7.454	2.2959	24.5262	2.29623
8400	-5.0666	-3.2149	5.3158	1.1156	7.524	2.3099	24.6343	2.31033
8500	-4.9995	-3.1400	5.3229	1.1163	7.594	2.3240	24.7418	2.32446
8600	-4.9334	-3.0662	5.3298	1.1170	7.664	2.3381	24.8475	2.33862
8700	-4.8684	-2.9935	5.3365	1.1177	7.734	2.3522	24.9522	2.35280
8800	-4.8043	-2.9219	5.3434	1.1184	7.804	2.3663	25.0559	2.36699
8900	-4.7413	-2.8514	5.3501	1.1192	7.874	2.3804	25.1575	2.38118
9000	-4.6792	-2.7819	5.3566	1.1200	7.945	2.3945	25.2575	2.39536
9100	-4.6182	-2.7135	5.3631	1.1207	8.015	2.4086	25.3564	2.40954
9200	-4.5582	-2.6462	5.3695	1.1217	8.086	2.4227	25.4529	2.42369
9300	-4.4992	-2.5800	5.3758	1.1225	8.156	2.4367	25.5477	2.43783
9400	-4.4411	-2.5148	5.3821	1.1233	8.226	2.4507	25.6409	2.45195
9500	-4.3841	-2.4507	5.3882	1.1243	8.297	2.4647	25.7317	2.46603
9600	-4.3280	-2.3877	5.3942	1.1252	8.367	2.4786	25.8208	2.48008
9700	-4.2729	-2.3256	5.4002	1.1261	8.438	2.4925	25.9077	2.49409
9800	-4.2187	-2.2646	5.4061	1.1270	8.508	2.5063	25.9927	2.50808
9900	-4.1654	-2.2045	5.4119	1.1280	8.579	2.5201	26.0761	2.52201
10000	-4.1131	-2.1455	5.4176	1.1290	8.649	2.5338	26.1572	2.53590
10100	-4.0617	-2.0874	5.4232	1.1298	8.719	2.5475	26.2365	2.54974
10200	-4.0111	-2.0302	5.4288	1.1308	8.789	2.5611	26.3137	2.56354
10300	-3.9614	-1.9740	5.4343	1.1319	8.860	2.5746	26.3887	2.57727
10400	-3.9126	-1.9188	5.4397	1.1329	8.930	2.5881	26.4619	2.59096
10500	-3.8646	-1.8644	5.4450	1.1339	9.000	2.6015	26.5333	2.60459
10600	-3.8175	-1.8109	5.4502	1.1349	9.070	2.6148	26.6030	2.61818
10700	-3.7711	-1.7582	5.4554	1.1359	9.140	2.6281	26.6704	2.63170
10800	-3.7256	-1.7065	5.4605	1.1370	9.210	2.6413	26.7364	2.64515
10900	-3.6808	-1.6555	5.4656	1.1380	9.279	2.6545	26.7999	2.65855
11000	-3.6368	-1.6054	5.4705	1.1390	9.348	2.6675	26.8619	2.67189
11100	-3.5935	-1.5561	5.4754	1.1401	9.418	2.6805	26.9224	2.68518
11200	-3.5510	-1.5076	5.4803	1.1412	9.488	2.6934	26.9807	2.69838
11300	-3.5092	-1.4599	5.4850	1.1422	9.557	2.7062	27.0372	2.71152
11400	-3.4681	-1.4129	5.4897	1.1433	9.627	2.7190	27.0921	2.72460
11500	-3.4276	-1.3666	5.4944	1.1443	9.695	2.7316	27.1456	2.73763
11600	-3.3879	-1.3212	5.4990	1.1454	9.765	2.7442	27.1971	2.75057
11700	-3.3488	-1.2764	5.5035	1.1465	9.833	2.7567	27.2469	2.76345
11800	-3.3104	-1.2324	5.5080	1.1476	9.902	2.7691	27.2951	2.77625
11900	-3.2726	-1.1890	5.5124	1.1486	9.971	2.7815	27.3418	2.78900
12000	-3.2354	-1.1462	5.5167	1.1496	10.039	2.7937	27.3872	2.80168
12100	-3.1989	-1.1042	5.5210	1.1507	10.108	2.8059	27.4307	2.81428

S/R= 78.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12200	-3.1630	-1.0628	5.5253	1.1520	10.177	2.8180	27.4727	2.82681
12300	-3.1276	-1.0221	5.5294	1.1530	10.245	2.8300	27.5132	2.83926
12400	-3.0929	-0.9820	5.5336	1.1541	10.313	2.8419	27.5519	2.85164
12500	-3.0586	-0.9424	5.5377	1.1553	10.381	2.8537	27.5900	2.86397
12600	-3.0250	-0.9035	5.5417	1.1564	10.449	2.8655	27.6261	2.87621
12700	-2.9918	-0.8652	5.5457	1.1574	10.516	2.8771	27.6609	2.88837
12800	-2.9593	-0.8275	5.5495	1.1585	10.584	2.8887	27.6941	2.90046
12900	-2.9272	-0.7903	5.5535	1.1597	10.652	2.9002	27.7264	2.91248
13000	-2.8956	-0.7537	5.5573	1.1608	10.719	2.9116	27.7571	2.92443
13100	-2.8646	-0.7177	5.5611	1.1620	10.787	2.9229	27.7864	2.93629
13200	-2.8340	-0.6821	5.5648	1.1630	10.853	2.9341	27.8146	2.94809
13300	-2.8039	-0.6471	5.5685	1.1641	10.920	2.9452	27.8414	2.95980
13400	-2.7744	-0.6127	5.5722	1.1654	10.988	2.9562	27.8671	2.97144
13500	-2.7452	-0.5787	5.5758	1.1664	11.053	2.9672	27.8915	2.98301
13600	-2.7165	-0.5452	5.5794	1.1676	11.120	2.9780	27.9147	2.99450
13700	-2.6883	-0.5122	5.5829	1.1687	11.187	2.9888	27.9367	3.00590
13800	-2.6605	-0.4797	5.5864	1.1699	11.253	2.9995	27.9574	3.01723
13900	-2.6331	-0.4477	5.5898	1.1678	11.304	3.0101	27.9772	3.02849
14000	-2.6056	-0.4156	5.5933	1.1722	11.384	3.0201	27.9996	3.03918
14100	-2.5797	-0.3850	5.5966	1.1768	11.468	3.0310	28.0132	3.05076
14200	-2.5535	-0.3544	5.5999	1.1746	11.517	3.0413	28.0296	3.06178
14300	-2.5278	-0.3241	5.6032	1.1757	11.583	3.0515	28.0449	3.07271
14400	-2.5025	-0.2943	5.6064	1.1769	11.648	3.0616	28.0591	3.08358
14500	-2.4775	-0.2649	5.6096	1.1782	11.714	3.0717	28.0724	3.09436
14600	-2.4530	-0.2360	5.6128	1.1791	11.778	3.0816	28.0843	3.10505
14700	-2.4288	-0.2074	5.6160	1.1802	11.843	3.0915	28.0955	3.11567
14800	-2.4049	-0.1793	5.6191	1.1817	11.909	3.1012	28.1057	3.12621
14900	-2.3815	-0.1515	5.6221	1.1830	11.975	3.1109	28.1147	3.13667
15000	-2.3583	-0.1242	5.6252	1.1836	12.036	3.1205	28.1229	3.14704

S/R= 79.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5900	-6.9869	-5.3452	5.1404	1.1490	5.996	2.0278	23.4182	2.02782
6000	-6.9277	-5.2771	5.1463	1.1449	6.046	2.0350	23.3432	2.03496
6100	-6.8649	-5.2055	5.1525	1.1377	6.089	2.0428	23.2942	2.04286
6200	-6.7988	-5.1305	5.1592	1.1318	6.135	2.0515	23.2591	2.05147
6300	-6.7298	-5.0526	5.1661	1.1270	6.186	2.0607	23.2655	2.06074
6400	-6.6584	-4.9723	5.1732	1.1231	6.238	2.0706	23.2811	2.07064
6500	-6.5849	-4.8898	5.1805	1.1200	6.294	2.0811	23.3141	2.08112
6600	-6.5096	-4.8056	5.1881	1.1175	6.352	2.0921	23.3621	2.09214
6700	-6.4331	-4.7202	5.1957	1.1155	6.412	2.1036	23.4233	2.10364
6800	-6.3555	-4.6337	5.2035	1.1139	6.473	2.1155	23.4956	2.11557
6900	-6.2773	-4.5466	5.2113	1.1127	6.536	2.1279	23.5774	2.12791
7000	-6.1986	-4.4591	5.2193	1.1118	6.600	2.1405	23.6675	2.14058
7100	-6.1198	-4.3716	5.2272	1.1112	6.665	2.1535	23.7641	2.15356
7200	-6.0410	-4.2840	5.2351	1.1107	6.731	2.1667	23.8563	2.16682
7300	-5.9625	-4.1968	5.2430	1.1105	6.798	2.1802	23.9732	2.18031
7400	-5.8843	-4.1100	5.2509	1.1104	6.866	2.1939	24.0833	2.19401
7500	-5.8067	-4.0238	5.2588	1.1103	6.934	2.2078	24.1963	2.20790
7600	-5.7296	-3.9383	5.2666	1.1105	7.003	2.2218	24.3111	2.22194
7700	-5.6534	-3.8536	5.2744	1.1107	7.072	2.2360	24.4271	2.23611
7800	-5.5779	-3.7697	5.2820	1.1111	7.141	2.2502	24.5444	2.25041
7900	-5.5034	-3.6869	5.2896	1.1114	7.211	2.2646	24.6613	2.26479
8000	-5.4297	-3.6050	5.2972	1.1119	7.281	2.2790	24.7787	2.27926

S/R= 79.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8100	-5.3571	-3.5242	5.3046	1.1125	7.351	2.2935	24.8955	2.29380
8200	-5.2854	-3.4445	5.3120	1.1130	7.422	2.3081	25.0116	2.30838
8300	-5.2148	-3.3659	5.3192	1.1136	7.493	2.3226	25.1270	2.32301
8400	-5.1453	-3.2884	5.3264	1.1143	7.564	2.3372	25.2409	2.33767
8500	-5.0768	-3.2121	5.3335	1.1150	7.635	2.3519	25.3535	2.35234
8600	-5.0094	-3.1370	5.3404	1.1158	7.706	2.3665	25.4647	2.36704
8700	-4.9431	-3.0630	5.3473	1.1165	7.777	2.3811	25.5737	2.38172
8800	-4.8779	-2.9902	5.3541	1.1173	7.848	2.3957	25.6814	2.39641
8900	-4.8138	-2.9185	5.3608	1.1181	7.920	2.4103	25.7874	2.41109
9000	-4.7508	-2.8480	5.3674	1.1190	7.991	2.4249	25.8910	2.42575
9100	-4.6888	-2.7786	5.3739	1.1198	8.062	2.4395	25.9927	2.44039
9200	-4.6279	-2.7104	5.3803	1.1207	8.134	2.4540	26.0923	2.45501
9300	-4.5681	-2.6433	5.3866	1.1217	8.206	2.4685	26.1902	2.46960
9400	-4.5093	-2.5774	5.3928	1.1225	8.277	2.4829	26.2854	2.48414
9500	-4.4515	-2.5125	5.3990	1.1234	8.348	2.4973	26.3790	2.49865
9600	-4.3947	-2.4487	5.4050	1.1244	8.420	2.5116	26.4701	2.51313
9700	-4.3390	-2.3860	5.4110	1.1254	8.491	2.5259	26.5590	2.52755
9800	-4.2843	-2.3243	5.4169	1.1263	8.563	2.5401	26.6457	2.54192
9900	-4.2304	-2.2637	5.4226	1.1273	8.634	2.5543	26.7307	2.55625
10000	-4.1775	-2.2040	5.4283	1.1283	8.705	2.5684	26.8130	2.57053
10100	-4.1256	-2.1454	5.4340	1.1293	8.776	2.5824	26.8935	2.58474
10200	-4.0746	-2.0878	5.4395	1.1303	8.847	2.5964	26.9718	2.59891
10300	-4.0245	-2.0311	5.4450	1.1314	8.919	2.6103	27.0479	2.61301
10400	-3.9753	-1.9754	5.4504	1.1324	8.990	2.6241	27.1220	2.62706
10500	-3.9269	-1.9206	5.4557	1.1334	9.060	2.6379	27.1942	2.64104
10600	-3.8794	-1.8668	5.4609	1.1344	9.131	2.6516	27.2640	2.65496
10700	-3.8327	-1.8137	5.4661	1.1355	9.202	2.6652	27.3321	2.66882
10800	-3.7868	-1.7616	5.4711	1.1365	9.273	2.6787	27.3983	2.68261
10900	-3.7418	-1.7104	5.4762	1.1376	9.343	2.6922	27.4621	2.69633
11000	-3.6975	-1.6600	5.4811	1.1387	9.414	2.7055	27.5243	2.70998
11100	-3.6540	-1.6104	5.4860	1.1397	9.484	2.7188	27.5846	2.72357
11200	-3.6112	-1.5616	5.4908	1.1409	9.554	2.7320	27.6432	2.73708
11300	-3.5692	-1.5137	5.4956	1.1420	9.625	2.7452	27.6994	2.75052
11400	-3.5279	-1.4665	5.5002	1.1430	9.695	2.7582	27.7541	2.76389
11500	-3.4873	-1.4201	5.5049	1.1441	9.765	2.7712	27.8070	2.77719
11600	-3.4474	-1.3744	5.5094	1.1452	9.834	2.7840	27.8579	2.79042
11700	-3.4082	-1.3294	5.5139	1.1463	9.904	2.7968	27.9078	2.80358
11800	-3.3696	-1.2853	5.5183	1.1475	9.974	2.8095	27.9553	2.81665
11900	-3.3317	-1.2418	5.5227	1.1485	10.043	2.8221	28.0011	2.82964
12000	-3.2944	-1.1989	5.5271	1.1496	10.112	2.8346	28.0458	2.84258
12100	-3.2578	-1.1568	5.5313	1.1507	10.181	2.8470	28.0883	2.85543
12200	-3.2218	-1.1153	5.5355	1.1519	10.251	2.8594	28.1298	2.86821
12300	-3.1863	-1.0745	5.5397	1.1530	10.320	2.8716	28.1693	2.88090
12400	-3.1515	-1.0343	5.5438	1.1541	10.388	2.8837	28.2071	2.89351
12500	-3.1173	-0.9947	5.5478	1.1554	10.458	2.8958	28.2437	2.90605
12600	-3.0836	-0.9558	5.5518	1.1564	10.526	2.9078	28.2790	2.91851
12700	-3.0504	-0.9174	5.5558	1.1574	10.594	2.9196	28.3125	2.93090
12800	-3.0178	-0.8797	5.5597	1.1586	10.662	2.9314	28.3447	2.94319
12900	-2.9857	-0.8425	5.5635	1.1598	10.731	2.9431	28.3755	2.95542
13000	-2.9542	-0.8059	5.5673	1.1610	10.799	2.9547	28.4049	2.96756
13100	-2.9232	-0.7698	5.5711	1.1623	10.867	2.9662	28.4327	2.97961
13200	-2.8926	-0.7343	5.5748	1.1633	10.935	2.9776	28.4594	2.99159
13300	-2.8626	-0.6993	5.5785	1.1644	11.002	2.9889	28.4848	3.00349
13400	-2.8330	-0.6649	5.5821	1.1657	11.070	3.0001	28.5090	3.01530
13500	-2.8039	-0.6310	5.5857	1.1667	11.137	3.0112	28.5316	3.02703

S/R= 79.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13600	-2.7753	-0.5975	5.5892	1.1680	11.205	3.0223	28.5532	3.03868
13700	-2.7471	-0.5646	5.5927	1.1692	11.272	3.0332	28.5732	3.05025
13800	-2.7194	-0.5322	5.5961	1.1703	11.338	3.0440	28.5924	3.06172
13900	-2.6921	-0.5002	5.5995	1.1683	11.389	3.0548	28.6101	3.07312
14000	-2.6646	-0.4682	5.6030	1.1727	11.471	3.0649	28.6311	3.08394
14100	-2.6388	-0.4377	5.6062	1.1775	11.556	3.0760	28.6423	3.09566
14200	-2.6128	-0.4072	5.6095	1.1752	11.605	3.0864	28.6568	3.10681
14300	-2.5872	-0.3771	5.6128	1.1763	11.671	3.0968	28.6701	3.11786
14400	-2.5619	-0.3473	5.6160	1.1776	11.738	3.1071	28.6821	3.12884
14500	-2.5371	-0.3181	5.6192	1.1790	11.805	3.1172	28.6934	3.13973
14600	-2.5127	-0.2893	5.6223	1.1799	11.869	3.1273	28.7033	3.15053
14700	-2.4886	-0.2609	5.6254	1.1811	11.935	3.1373	28.7124	3.16124
14800	-2.4649	-0.2328	5.6285	1.1826	12.002	3.1472	28.7203	3.17188
14900	-2.4415	-0.2052	5.6315	1.1839	12.068	3.1569	28.7271	3.18241
15000	-2.4186	-0.1780	5.6345	1.1845	12.130	3.1666	28.7330	3.19286

S/R= 80.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6200	-6.9450	-5.2744	5.1551	1.1217	6.124	2.0624	23.5877	2.06236
6300	-6.8700	-5.1903	5.1724	1.1200	6.184	2.0727	23.6105	2.07271
6400	-6.7929	-5.1040	5.1800	1.1169	6.241	2.0836	23.6513	2.08367
6500	-6.7139	-5.0159	5.1878	1.1145	6.300	2.0952	23.7078	2.09518
6600	-6.6336	-4.9265	5.1957	1.1126	6.361	2.1072	23.7781	2.10720
6700	-6.5523	-4.8361	5.2037	1.1111	6.424	2.1196	23.8597	2.11966
6800	-6.4703	-4.7450	5.2118	1.1100	6.488	2.1325	23.9512	2.13253
6900	-6.3879	-4.6537	5.2200	1.1092	6.553	2.1457	24.0511	2.14575
7000	-6.3054	-4.5622	5.2281	1.1087	6.620	2.1592	24.1573	2.15929
7100	-6.2231	-4.4709	5.2363	1.1083	6.687	2.1730	24.2692	2.17310
7200	-6.1410	-4.3800	5.2445	1.1080	6.755	2.1871	24.3855	2.18715
7300	-6.0594	-4.2896	5.2526	1.1080	6.824	2.2013	24.5051	2.20142
7400	-5.9784	-4.1998	5.2606	1.1081	6.893	2.2158	24.6269	2.21586
7500	-5.8982	-4.1109	5.2687	1.1082	6.962	2.2303	24.7509	2.23045
7600	-5.8188	-4.0229	5.2766	1.1085	7.033	2.2450	24.8759	2.24519
7700	-5.7403	-3.9359	5.2845	1.1089	7.104	2.2599	25.0011	2.26002
7800	-5.6628	-3.8499	5.2922	1.1094	7.175	2.2748	25.1269	2.27496
7900	-5.5862	-3.7650	5.2999	1.1098	7.245	2.2897	25.2520	2.28996
8000	-5.5108	-3.6813	5.3075	1.1104	7.317	2.3048	25.3764	2.30504
8100	-5.4365	-3.5987	5.3150	1.1111	7.389	2.3199	25.5000	2.32016
8200	-5.3633	-3.5174	5.3224	1.1117	7.461	2.3350	25.6224	2.33531
8300	-5.2913	-3.4373	5.3297	1.1123	7.532	2.3501	25.7428	2.35048
8400	-5.2204	-3.3583	5.3370	1.1131	7.605	2.3652	25.8626	2.36568
8500	-5.1506	-3.2807	5.3441	1.1138	7.677	2.3804	25.9797	2.38087
8600	-5.0821	-3.2044	5.3511	1.1147	7.749	2.3955	26.0950	2.39608
8700	-5.0147	-3.1292	5.3580	1.1155	7.822	2.4106	26.2087	2.41126
8800	-4.9485	-3.0553	5.3648	1.1163	7.894	2.4257	26.3199	2.42644
8900	-4.8834	-2.9827	5.3715	1.1171	7.966	2.4408	26.4290	2.44158
9000	-4.8195	-2.9112	5.3781	1.1180	8.039	2.4558	26.5361	2.45670
9100	-4.7567	-2.8409	5.3846	1.1190	8.111	2.4709	26.6405	2.47180
9200	-4.6950	-2.7719	5.3910	1.1199	8.184	2.4858	26.7427	2.48685
9300	-4.6344	-2.7040	5.3973	1.1209	8.256	2.5007	26.8427	2.50187
9400	-4.5749	-2.6373	5.4035	1.1218	8.329	2.5156	26.9403	2.51684
9500	-4.5165	-2.5718	5.4097	1.1227	8.401	2.5304	27.0357	2.53176
9600	-4.4592	-2.5073	5.4157	1.1237	8.473	2.5451	27.1285	2.54664
9700	-4.4028	-2.4440	5.4217	1.1248	8.546	2.5598	27.2194	2.56147

S/R= 80.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9800	-4.3475	-2.3818	5.4275	1.1258	8.618	2.5744	27.3373	2.57622
9900	-4.2932	-2.3206	5.4333	1.1267	8.690	2.5889	27.3934	2.59092
10000	-4.2399	-2.2605	5.4390	1.1277	8.762	2.6034	27.4773	2.60558
10100	-4.1875	-2.2014	5.4446	1.1288	8.834	2.6178	27.5584	2.62016
10200	-4.1361	-2.1433	5.4501	1.1298	8.906	2.6321	27.6374	2.63468
10300	-4.0857	-2.0863	5.4555	1.1309	8.978	2.6464	27.7140	2.64913
10400	-4.0360	-2.0302	5.4609	1.1319	9.050	2.6606	27.7888	2.66352
10500	-3.9873	-1.9750	5.4662	1.1330	9.122	2.6747	27.8615	2.67784
10600	-3.9395	-1.9208	5.4714	1.1341	9.194	2.6887	27.9316	2.69209
10700	-3.8926	-1.8676	5.4765	1.1351	9.265	2.7026	27.9996	2.70627
10800	-3.8464	-1.8151	5.4816	1.1361	9.336	2.7165	28.0660	2.72038
10900	-3.8011	-1.7636	5.4866	1.1374	9.408	2.7302	28.1300	2.73442
11000	-3.7566	-1.7130	5.4915	1.1385	9.479	2.7439	28.1919	2.74836
11100	-3.7129	-1.6632	5.4964	1.1395	9.550	2.7575	28.2518	2.76225
11200	-3.6699	-1.6142	5.5012	1.1406	9.621	2.7710	28.3100	2.77605
11300	-3.6277	-1.5661	5.5059	1.1417	9.692	2.7844	28.3661	2.78977
11400	-3.5863	-1.5187	5.5105	1.1429	9.763	2.7977	28.4202	2.80343
11500	-3.5455	-1.4721	5.5151	1.1440	9.834	2.8109	28.4725	2.81700
11600	-3.5055	-1.4264	5.5197	1.1451	9.904	2.8240	28.5228	2.83049
11700	-3.4662	-1.3813	5.5241	1.1462	9.975	2.8371	28.5717	2.84391
11800	-3.4275	-1.3370	5.5285	1.1473	10.045	2.8500	28.6185	2.85723
11900	-3.3895	-1.2933	5.5329	1.1485	10.115	2.8629	28.6635	2.87048
12000	-3.3522	-1.2504	5.5372	1.1496	10.185	2.8756	28.7070	2.88366
12100	-3.3155	-1.2082	5.5414	1.1507	10.255	2.8883	28.7486	2.89674
12200	-3.2794	-1.1667	5.5455	1.1520	10.325	2.9009	28.7890	2.90974
12300	-3.2440	-1.1258	5.5497	1.1530	10.394	2.9133	28.8274	2.92266
12400	-3.2091	-1.0856	5.5538	1.1542	10.464	2.9257	28.8642	2.93549
12500	-3.1748	-1.0460	5.5578	1.1555	10.534	2.9380	28.8995	2.94825
12600	-3.1411	-1.0071	5.5618	1.1565	10.603	2.9502	28.9332	2.96091
12700	-3.1080	-0.9687	5.5657	1.1576	10.672	2.9622	28.9653	2.97349
12800	-3.0754	-0.9310	5.5696	1.1588	10.741	2.9742	28.9961	2.98598
12900	-3.0433	-0.8938	5.5734	1.1600	10.810	2.9861	29.0251	2.99839
13000	-3.0118	-0.8572	5.5771	1.1613	10.879	2.9979	29.0533	3.01071
13100	-2.9808	-0.8212	5.5809	1.1626	10.948	3.0096	29.0792	3.02294
13200	-2.9504	-0.7858	5.5845	1.1636	11.016	3.0211	29.1043	3.03509
13300	-2.9203	-0.7508	5.5882	1.1648	11.084	3.0326	29.1277	3.04715
13400	-2.8909	-0.7165	5.5917	1.1661	11.153	3.0440	29.1500	3.05912
13500	-2.8618	-0.6826	5.5953	1.1672	11.220	3.0553	29.1709	3.07100
13600	-2.8333	-0.6492	5.5988	1.1685	11.288	3.0665	29.1909	3.08280
13700	-2.8052	-0.6164	5.6022	1.1697	11.356	3.0775	29.2089	3.09449
13800	-2.7776	-0.5841	5.6056	1.1709	11.424	3.0885	29.2260	3.10610
13900	-2.7504	-0.5522	5.6090	1.1688	11.475	3.0994	29.2416	3.11763
14000	-2.7230	-0.5203	5.6124	1.1734	11.558	3.1097	29.2505	3.12855
14100	-2.6973	-0.4900	5.6156	1.1783	11.644	3.1209	29.2696	3.14040
14200	-2.6714	-0.4596	5.6189	1.1759	11.693	3.1315	29.2820	3.15166
14300	-2.6460	-0.4296	5.6221	1.1770	11.760	3.1419	29.2928	3.16281
14400	-2.6209	-0.4000	5.6253	1.1784	11.827	3.1523	29.3028	3.17388
14500	-2.5962	-0.3709	5.6284	1.1799	11.895	3.1626	29.3114	3.18485
14600	-2.5719	-0.3423	5.6315	1.1809	11.960	3.1728	29.3190	3.19573
14700	-2.5480	-0.3140	5.6346	1.1821	12.026	3.1828	29.3255	3.20652
14800	-2.5245	-0.2862	5.6376	1.1836	12.094	3.1928	29.3309	3.21722
14900	-2.5013	-0.2588	5.6406	1.1850	12.160	3.2027	29.3353	3.22783
15000	-2.4785	-0.2317	5.6435	1.1857	12.223	3.2124	29.3388	3.23834

S/R= 81.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6400	-6.9198	-5.2280	5.1874	1.1106	6.244	2.0978	24.0542	2.09785
6500	-6.9357	-5.1346	5.1955	1.1099	6.310	2.1104	24.1335	2.11038
6600	-6.7525	-5.0401	5.2038	1.1086	6.374	2.1233	24.2247	2.12336
6700	-6.6647	-4.9450	5.2121	1.1075	6.439	2.1367	24.3259	2.13676
6800	-6.5786	-4.8497	5.2205	1.1067	6.505	2.1505	24.4354	2.15053
6900	-6.4924	-4.7543	5.2289	1.1062	6.573	2.1646	24.5517	2.16462
7000	-6.4063	-4.6591	5.2373	1.1059	6.642	2.1789	24.6734	2.17898
7100	-6.3207	-4.5644	5.2457	1.1057	6.711	2.1935	24.7990	2.19359
7200	-6.2356	-4.4704	5.2540	1.1057	6.780	2.2083	24.9280	2.20841
7300	-6.1512	-4.3771	5.2623	1.1059	6.851	2.2233	25.0596	2.22341
7400	-6.0677	-4.2846	5.2705	1.1062	6.922	2.2385	25.1924	2.23856
7500	-5.9851	-4.1932	5.2785	1.1064	6.993	2.2537	25.3262	2.25384
7600	-5.9034	-4.1029	5.2867	1.1068	7.065	2.2691	25.4600	2.26923
7700	-5.8229	-4.0137	5.2946	1.1073	7.137	2.2845	25.5938	2.28471
7800	-5.7434	-3.9258	5.3025	1.1079	7.209	2.3000	25.7271	2.30025
7900	-5.6652	-3.8391	5.3102	1.1084	7.282	2.3156	25.8593	2.31585
8000	-5.5881	-3.7536	5.3179	1.1090	7.354	2.3312	25.9906	2.33151
8100	-5.5123	-3.6695	5.3255	1.1098	7.428	2.3469	26.1195	2.34718
8200	-5.4377	-3.5866	5.3329	1.1105	7.501	2.3625	26.2476	2.36289
8300	-5.3643	-3.5052	5.3402	1.1113	7.574	2.3782	26.3734	2.37859
8400	-5.2922	-3.4250	5.3475	1.1120	7.647	2.3939	26.4971	2.39430
8500	-5.2213	-3.3461	5.3545	1.1128	7.720	2.4095	26.6191	2.41000
8600	-5.1518	-3.2687	5.3616	1.1138	7.794	2.4251	26.7383	2.42569
8700	-5.0834	-3.1925	5.3685	1.1146	7.867	2.4407	26.8551	2.44135
8800	-5.0162	-3.1176	5.3754	1.1155	7.941	2.4563	26.9697	2.45700
8900	-4.9503	-3.0440	5.3821	1.1164	8.014	2.4718	27.0819	2.47260
9000	-4.8856	-2.9718	5.3887	1.1172	8.087	2.4873	27.1913	2.48816
9100	-4.8220	-2.9007	5.3952	1.1182	8.161	2.5027	27.2988	2.50370
9200	-4.7596	-2.8309	5.4016	1.1193	8.234	2.5181	27.4030	2.51917
9300	-4.6984	-2.7624	5.4079	1.1202	8.308	2.5334	27.5049	2.53460
9400	-4.6383	-2.6950	5.4141	1.1211	8.381	2.5487	27.6043	2.54998
9500	-4.5793	-2.6288	5.4202	1.1222	8.454	2.5639	27.7013	2.56531
9600	-4.5214	-2.5638	5.4262	1.1232	8.528	2.5790	27.7955	2.58057
9700	-4.4646	-2.5000	5.4322	1.1242	8.601	2.5941	27.8872	2.59578
9800	-4.4088	-2.4372	5.4380	1.1252	8.674	2.6091	27.9769	2.61092
9900	-4.3540	-2.3756	5.4438	1.1264	8.747	2.6240	28.0634	2.62599
10000	-4.3003	-2.3150	5.4494	1.1273	8.820	2.6388	28.1480	2.64100
10100	-4.2476	-2.2556	5.4550	1.1283	8.892	2.6536	28.2298	2.65593
10200	-4.1957	-2.1971	5.4605	1.1295	8.966	2.6682	28.3096	2.67081
10300	-4.1450	-2.1397	5.4660	1.1306	9.039	2.6828	28.3865	2.68559
10400	-4.0951	-2.0833	5.4713	1.1315	9.111	2.6973	28.4614	2.70030
10500	-4.0461	-2.0278	5.4766	1.1326	9.183	2.7117	28.5340	2.71495
10600	-3.9980	-1.9733	5.4817	1.1338	9.256	2.7261	28.6045	2.72952
10700	-3.9508	-1.9198	5.4868	1.1349	9.328	2.7403	28.6724	2.74401
10800	-3.9045	-1.8671	5.4919	1.1359	9.400	2.7545	28.7385	2.75842
10900	-3.8590	-1.8154	5.4969	1.1371	9.473	2.7685	28.8021	2.77275
11000	-3.8143	-1.7646	5.5017	1.1382	9.545	2.7825	28.8639	2.78700
11100	-3.7704	-1.7146	5.5065	1.1393	9.616	2.7964	28.9233	2.80117
11200	-3.7273	-1.6655	5.5113	1.1405	9.688	2.8101	28.9808	2.81524
11300	-3.6850	-1.6172	5.5160	1.1415	9.760	2.8238	29.0360	2.82924
11400	-3.6434	-1.5697	5.5206	1.1427	9.831	2.8374	29.0894	2.84316
11500	-3.6025	-1.5230	5.5252	1.1439	9.903	2.8509	29.1413	2.85700
11600	-3.5624	-1.4771	5.5297	1.1450	9.974	2.8643	29.1904	2.87074
11700	-3.5230	-1.4319	5.5341	1.1463	10.046	2.8776	29.2383	2.88440
11800	-3.4843	-1.3876	5.5385	1.1474	10.117	2.8907	29.2841	2.89796

S/R= 81.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	1/RT	Z*
11900	-3.4463	-1.3439	5.5429	1.1484	10.187	2.9038	29.3280	2.91145
12000	-3.4088	-1.3009	5.5471	1.1496	10.258	2.9168	29.3707	2.92435
12100	-3.3721	-1.2587	5.5513	1.1509	10.329	2.9297	29.4109	2.93815
12200	-3.3361	-1.2171	5.5554	1.1521	10.400	2.9425	29.4495	2.95137
12300	-3.3006	-1.1762	5.5595	1.1532	10.470	2.9552	29.4866	2.96450
12400	-3.2657	-1.1360	5.5635	1.1544	10.540	2.9677	29.5220	2.97753
12500	-3.2315	-1.0964	5.5676	1.1556	10.610	2.9802	29.5558	2.99048
12600	-3.1978	-1.0575	5.5715	1.1567	10.680	2.9926	29.5879	3.00334
12700	-3.1647	-1.0192	5.5754	1.1579	10.749	3.0049	29.6183	3.01610
12800	-3.1321	-0.9815	5.5792	1.1591	10.819	3.0170	29.6474	3.02877
12900	-3.1001	-0.9444	5.5830	1.1604	10.889	3.0291	29.6748	3.04135
13000	-3.0687	-0.9079	5.5867	1.1617	10.959	3.0410	29.7007	3.05384
13100	-3.0378	-0.8719	5.5904	1.1630	11.028	3.0529	29.7251	3.06623
13200	-3.0074	-0.8366	5.5940	1.1640	11.097	3.0646	29.7483	3.07852
13300	-2.9775	-0.8017	5.5976	1.1653	11.166	3.0763	29.7698	3.09073
13400	-2.9481	-0.7675	5.6012	1.1665	11.235	3.0878	29.7898	3.10283
13500	-2.9192	-0.7337	5.6047	1.1677	11.303	3.0992	29.8087	3.11485
13600	-2.8907	-0.7005	5.6081	1.1691	11.372	3.1106	29.8263	3.12678
13700	-2.8628	-0.6678	5.6115	1.1703	11.441	3.1218	29.8422	3.13859
13800	-2.8353	-0.6356	5.6149	1.1716	11.509	3.1329	29.8572	3.15031
13900	-2.8082	-0.6039	5.6183	1.1693	11.560	3.1439	29.8705	3.16194
14000	-2.7809	-0.5721	5.6216	1.1741	11.644	3.1542	29.8870	3.17294
14100	-2.7555	-0.5419	5.6248	1.1792	11.732	3.1656	29.8935	3.18490
14200	-2.7297	-0.5117	5.6280	1.1768	11.781	3.1762	29.9035	3.19624
14300	-2.7044	-0.4819	5.6312	1.1780	11.848	3.1868	29.9117	3.20748
14400	-2.6795	-0.4525	5.6343	1.1793	11.916	3.1973	29.9191	3.21862
14500	-2.6550	-0.4236	5.6374	1.1809	11.984	3.2077	29.9251	3.22966
14600	-2.6309	-0.3951	5.6405	1.1820	12.050	3.2179	29.9299	3.24059
14700	-2.6072	-0.3671	5.6435	1.1832	12.117	3.2281	29.9339	3.25143
14800	-2.5838	-0.3394	5.6465	1.1847	12.185	3.2381	29.9366	3.26218
14900	-2.5609	-0.3122	5.6494	1.1861	12.252	3.2480	29.9381	3.27282
15000	-2.5383	-0.2854	5.6523	1.1869	12.316	3.2579	29.9385	3.28336

S/R= 82.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	1/RT	Z*
6500	-6.9505	-5.2461	5.2037	1.1056	6.322	2.1266	24.5895	2.12665
6600	-6.8608	-5.1469	5.2123	1.1051	6.390	2.1406	24.7005	2.14058
6700	-6.7708	-5.0474	5.2209	1.1043	6.457	2.1549	24.8199	2.15488
6800	-6.6808	-4.9481	5.2295	1.1039	6.526	2.1695	24.9459	2.16952
6900	-6.5910	-4.8490	5.2381	1.1037	6.596	2.1844	25.0776	2.18443
7000	-6.5017	-4.7504	5.2467	1.1036	6.666	2.1995	25.2130	2.19959
7100	-6.4131	-4.6526	5.2553	1.1036	6.737	2.2149	25.3516	2.21496
7200	-6.3252	-4.5556	5.2637	1.1038	6.808	2.2304	25.4922	2.23051
7300	-6.2383	-4.4597	5.2721	1.1041	6.880	2.2461	25.6343	2.24621
7400	-6.1524	-4.3648	5.2805	1.1045	6.953	2.2619	25.7771	2.26204
7500	-6.0676	-4.2711	5.2887	1.1049	7.026	2.2778	25.9196	2.27797
7600	-5.9839	-4.1787	5.2968	1.1054	7.099	2.2939	26.0623	2.29400
7700	-5.9015	-4.0876	5.3048	1.1060	7.172	2.3099	26.2030	2.31009
7800	-5.8203	-3.9978	5.3128	1.1066	7.246	2.3260	26.3437	2.32623
7900	-5.7405	-3.9094	5.3206	1.1072	7.319	2.3422	26.4820	2.34240
8000	-5.6620	-3.8224	5.3283	1.1079	7.393	2.3583	26.6188	2.35861
8100	-5.5847	-3.7368	5.3359	1.1087	7.468	2.3745	26.7538	2.37483
8200	-5.5089	-3.6527	5.3433	1.1095	7.542	2.3907	26.8860	2.39105
8300	-5.4343	-3.5699	5.3507	1.1103	7.616	2.4069	27.0166	2.40727



S/R= 82.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8400	-5.3611	-3.4886	5.3583	1.1112	7.690	2.4230	27.1445	2.42348
8500	-5.2892	-3.4087	5.3651	1.1120	7.764	2.4392	27.2698	2.43966
8600	-5.2186	-3.3302	5.3721	1.1129	7.839	2.4552	27.3924	2.45583
8700	-5.1494	-3.2531	5.3791	1.1139	7.914	2.4713	27.5127	2.47195
8800	-5.0814	-3.1773	5.3859	1.1147	7.988	2.4873	27.6300	2.48804
8900	-5.0147	-3.1029	5.3926	1.1156	8.062	2.5033	27.7446	2.50409
9000	-4.9492	-3.0299	5.3992	1.1166	8.137	2.5192	27.8564	2.52008
9100	-4.8850	-2.9581	5.4057	1.1176	8.211	2.5350	27.9656	2.53603
9200	-4.8220	-2.8876	5.4121	1.1186	8.285	2.5508	28.0719	2.55193
9300	-4.7601	-2.8185	5.4184	1.1197	8.360	2.5666	28.1753	2.56776
9400	-4.6995	-2.7505	5.4246	1.1206	8.434	2.5822	28.2762	2.58353
9500	-4.6400	-2.6838	5.4307	1.1216	8.508	2.5978	28.3745	2.59925
9600	-4.5816	-2.6183	5.4367	1.1227	8.582	2.6133	28.4699	2.61489
9700	-4.5243	-2.5540	5.4426	1.1238	8.656	2.6287	28.5625	2.63046
9800	-4.4682	-2.4908	5.4484	1.1248	8.730	2.6441	28.6525	2.64596
9900	-4.4130	-2.4287	5.4541	1.1259	8.804	2.6593	28.7401	2.66139
10000	-4.3589	-2.3678	5.4598	1.1269	8.878	2.6745	28.8250	2.67675
10100	-4.3059	-2.3080	5.4653	1.1280	8.951	2.6896	28.9070	2.69202
10200	-4.2538	-2.2492	5.4708	1.1291	9.025	2.7046	28.9868	2.70722
10300	-4.2027	-2.1915	5.4762	1.1303	9.099	2.7195	29.0645	2.72234
10400	-4.1525	-2.1348	5.4815	1.1313	9.172	2.7344	29.1392	2.73737
10500	-4.1034	-2.0791	5.4867	1.1323	9.245	2.7491	29.2117	2.75233
10600	-4.0550	-2.0244	5.4919	1.1335	9.319	2.7637	29.2815	2.76720
10700	-4.0076	-1.9706	5.4970	1.1347	9.392	2.7783	29.3496	2.78199
10800	-3.9611	-1.9178	5.5020	1.1358	9.465	2.7927	29.4151	2.79670
10900	-3.9154	-1.8659	5.5069	1.1370	9.538	2.8070	29.4782	2.81131
11000	-3.8706	-1.8149	5.5118	1.1380	9.610	2.8213	29.5391	2.82583
11100	-3.8266	-1.7648	5.5165	1.1392	9.683	2.8354	29.5980	2.84028
11200	-3.7834	-1.7155	5.5213	1.1404	9.755	2.8495	29.6547	2.85462
11300	-3.7410	-1.6672	5.5260	1.1415	9.828	2.8634	29.7090	2.86887
11400	-3.6993	-1.6196	5.5305	1.1427	9.900	2.8773	29.7614	2.88305
11500	-3.6584	-1.5728	5.5351	1.1438	9.972	2.8910	29.8119	2.89713
11600	-3.6182	-1.5268	5.5395	1.1450	10.044	2.9046	29.8606	2.91111
11700	-3.5788	-1.4816	5.5440	1.1463	10.117	2.9181	29.9071	2.92500
11800	-3.5400	-1.4372	5.5483	1.1475	10.188	2.9316	29.9515	2.93879
11900	-3.5020	-1.3935	5.5526	1.1485	10.259	2.9449	29.9940	2.95250
12000	-3.4646	-1.3505	5.5568	1.1497	10.330	2.9581	30.0350	2.96611
12100	-3.4279	-1.3083	5.5610	1.1510	10.402	2.9712	30.0738	2.97962
12200	-3.3918	-1.2667	5.5651	1.1523	10.474	2.9842	30.1111	2.99305
12300	-3.3563	-1.2259	5.5691	1.1534	10.545	2.9970	30.1463	3.00636
12400	-3.3215	-1.1857	5.5731	1.1547	10.616	3.0098	30.1798	3.01959
12500	-3.2873	-1.1462	5.5771	1.1559	10.686	3.0225	30.2119	3.03272
12600	-3.2537	-1.1073	5.5810	1.1570	10.756	3.0350	30.2421	3.04575
12700	-3.2206	-1.0691	5.5848	1.1582	10.827	3.0475	30.2711	3.05867
12800	-3.1882	-1.0314	5.5886	1.1596	10.898	3.0598	30.2982	3.07150
12900	-3.1563	-0.9944	5.5924	1.1607	10.968	3.0720	30.3235	3.08424
13000	-3.1249	-0.9580	5.5961	1.1621	11.038	3.0841	30.3472	3.09687
13100	-3.0941	-0.9222	5.5997	1.1635	11.109	3.0961	30.3694	3.10940
13200	-3.0638	-0.8869	5.6033	1.1646	11.178	3.1080	30.3904	3.12184
13300	-3.0340	-0.8522	5.6069	1.1658	11.247	3.1198	30.4095	3.13417
13400	-3.0048	-0.8181	5.6104	1.1671	11.317	3.1315	30.4272	3.14638
13500	-2.9760	-0.7845	5.6138	1.1684	11.386	3.1430	30.4440	3.15851
13600	-2.9477	-0.7514	5.6173	1.1698	11.456	3.1545	30.4589	3.17054
13700	-2.9199	-0.7189	5.6206	1.1711	11.525	3.1658	30.4725	3.18246
13800	-2.8926	-0.6868	5.6240	1.1724	11.594	3.1770	30.4850	3.19428

S/R= 82.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13900	-2.8657	-0.6553	5.6273	1.1701	11.644	3.1881	30.4955	3.20599
14000	-2.8386	-0.6236	5.6306	1.1750	11.730	3.1986	30.5098	3.21705
14100	-2.8133	-0.5937	5.6337	1.1803	11.819	3.2100	30.5131	3.22909
14200	-2.7878	-0.5637	5.6369	1.1778	11.868	3.2207	30.5203	3.24049
14300	-2.7626	-0.5341	5.6400	1.1790	11.936	3.2314	30.5260	3.25178
14400	-2.7379	-0.5049	5.6431	1.1804	12.004	3.2420	30.5302	3.26297
14500	-2.7136	-0.4762	5.6461	1.1820	12.074	3.2524	30.5336	3.27406
14600	-2.6898	-0.4480	5.6492	1.1833	12.141	3.2627	30.5356	3.28503
14700	-2.6663	-0.4202	5.6521	1.1846	12.208	3.2729	30.5366	3.29590
14800	-2.6432	-0.3928	5.6551	1.1860	12.276	3.2830	30.5361	3.30666
14900	-2.6205	-0.3658	5.6580	1.1875	12.344	3.2930	30.5342	3.31730
15000	-2.5981	-0.3393	5.6608	1.1884	12.408	3.3028	30.5317	3.32785

S/R= 83.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6600	-6.9649	-5.2473	5.2210	1.1020	6.408	2.1588	25.2035	2.15878
6700	-6.8710	-5.1438	5.2299	1.1017	6.478	2.1739	25.3399	2.17395
6800	-6.7774	-5.0407	5.2387	1.1015	6.549	2.1894	25.4811	2.18941
6900	-6.6844	-4.9382	5.2475	1.1015	6.620	2.2051	25.6266	2.20512
7000	-6.5920	-4.8365	5.2563	1.1016	6.692	2.2210	25.7748	2.22104
7100	-6.5006	-4.7359	5.2650	1.1018	6.765	2.2371	25.9250	2.23714
7200	-6.4102	-4.6362	5.2736	1.1021	6.838	2.2533	26.0765	2.25340
7300	-6.3209	-4.5378	5.2821	1.1025	6.912	2.2697	26.2280	2.26977
7400	-6.2329	-4.4407	5.2905	1.1030	6.985	2.2861	26.3797	2.28625
7500	-6.1461	-4.3449	5.2998	1.1035	7.060	2.3027	26.5304	2.30280
7600	-6.0606	-4.2506	5.3070	1.1041	7.134	2.3193	26.6801	2.31944
7700	-5.9765	-4.1577	5.3151	1.1048	7.208	2.3359	26.8283	2.33611
7800	-5.8938	-4.0663	5.3230	1.1054	7.283	2.3526	26.9744	2.35282
7900	-5.8125	-3.9764	5.3309	1.1062	7.358	2.3693	27.1187	2.36955
8000	-5.7326	-3.8880	5.3386	1.1070	7.433	2.3860	27.2607	2.38629
8100	-5.6541	-3.8011	5.3462	1.1078	7.508	2.4027	27.4001	2.40302
8200	-5.5771	-3.7157	5.3537	1.1086	7.584	2.4194	27.5373	2.41976
8300	-5.5015	-3.6319	5.3611	1.1095	7.659	2.4361	27.6712	2.43646
8400	-5.4272	-3.5495	5.3684	1.1104	7.734	2.4527	27.8029	2.45317
8500	-5.3544	-3.4686	5.3755	1.1112	7.810	2.4693	27.9315	2.46981
8600	-5.2830	-3.3892	5.3825	1.1121	7.885	2.4858	28.0572	2.48643
8700	-5.2129	-3.3112	5.3895	1.1131	7.960	2.5023	28.1799	2.50301
8800	-5.1442	-3.2347	5.3963	1.1142	8.036	2.5188	28.2993	2.51953
8900	-5.0768	-3.1595	5.4030	1.1151	8.111	2.5352	28.4160	2.53600
9000	-5.0107	-3.0858	5.4095	1.1160	8.186	2.5515	28.5301	2.55242
9100	-4.9458	-3.0134	5.4160	1.1171	8.262	2.5678	28.6407	2.56877
9200	-4.8823	-2.9423	5.4224	1.1181	8.337	2.5840	28.7483	2.58506
9300	-4.8199	-2.8726	5.4287	1.1191	8.412	2.6001	28.8535	2.60129
9400	-4.7588	-2.8041	5.4349	1.1202	8.487	2.6161	28.9553	2.61745
9500	-4.6988	-2.7370	5.4409	1.1212	8.562	2.6321	29.0545	2.63353
9600	-4.6400	-2.6710	5.4469	1.1223	8.637	2.6479	29.1506	2.64954
9700	-4.5823	-2.6062	5.4528	1.1234	8.712	2.6637	29.2441	2.66547
9800	-4.5258	-2.5427	5.4586	1.1244	8.787	2.6794	29.3345	2.68131
9900	-4.4704	-2.4803	5.4643	1.1255	8.862	2.6950	29.4223	2.69709
10000	-4.4159	-2.4190	5.4699	1.1266	8.936	2.7105	29.5075	2.71278
10100	-4.3626	-2.3589	5.4755	1.1277	9.011	2.7259	29.5898	2.72838
10200	-4.3103	-2.2999	5.4809	1.1289	9.085	2.7413	29.6695	2.74391
10300	-4.2590	-2.2419	5.4863	1.1300	9.159	2.7565	29.7467	2.75933
10400	-4.2086	-2.1849	5.4916	1.1311	9.234	2.7716	29.8213	2.77468

S/R= 83.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13500	-4.1592	-2.1291	5.4968	1.1322	9.308	2.7867	29.8934	2.78993
13600	-4.1107	-2.0742	5.5019	1.1334	9.382	2.8016	29.9626	2.80510
10700	-4.0632	-2.0202	5.5069	1.1345	9.455	2.8164	30.0300	2.82017
10800	-4.0165	-1.9672	5.5119	1.1357	9.529	2.8311	30.0952	2.83516
10900	-3.9707	-1.9152	5.5168	1.1369	9.603	2.8458	30.1572	2.85004
11000	-3.9258	-1.8641	5.5215	1.1380	9.676	2.8603	30.2172	2.86483
11100	-3.8817	-1.8139	5.5264	1.1391	9.749	2.8747	30.2750	2.87954
11200	-3.8384	-1.7646	5.5311	1.1403	9.823	2.8890	30.3305	2.89413
11300	-3.7959	-1.7161	5.5357	1.1415	9.896	2.9032	30.3841	2.90863
11400	-3.7542	-1.6685	5.5403	1.1428	9.969	2.9172	30.4353	2.92305
11500	-3.7133	-1.6217	5.5448	1.1440	10.042	2.9312	30.4844	2.93736
11600	-3.6731	-1.5757	5.5492	1.1451	10.114	2.9451	30.5317	2.95157
11700	-3.6336	-1.5304	5.5536	1.1463	10.187	2.9588	30.5766	2.96568
11800	-3.5949	-1.4860	5.5579	1.1476	10.260	2.9724	30.6197	2.97968
11900	-3.5568	-1.4424	5.5621	1.1488	10.332	2.9860	30.6606	2.99359
12000	-3.5195	-1.3994	5.5663	1.1499	10.403	2.9994	30.6998	3.00740
12100	-3.4828	-1.3572	5.5704	1.1512	10.476	3.0127	30.7373	3.02110
12200	-3.4468	-1.3157	5.5745	1.1524	10.547	3.0259	30.7723	3.03471
12300	-3.4114	-1.2749	5.5785	1.1538	10.620	3.0389	30.8059	3.04820
12400	-3.3766	-1.2348	5.5825	1.1551	10.692	3.0519	30.8374	3.06160
12500	-3.3425	-1.1954	5.5864	1.1562	10.762	3.0647	30.8674	3.07489
12600	-3.3090	-1.1566	5.5903	1.1573	10.833	3.0774	30.8956	3.08808
12700	-3.2760	-1.1184	5.5941	1.1587	10.905	3.0900	30.9223	3.10116
12800	-3.2437	-1.0809	5.5978	1.1601	10.976	3.1025	30.9469	3.11413
12900	-3.2119	-1.0440	5.6015	1.1612	11.046	3.1149	30.9703	3.12700
13000	-3.1806	-1.0077	5.6052	1.1626	11.117	3.1271	30.9915	3.13975
13100	-3.1500	-0.9720	5.6088	1.1641	11.189	3.1393	31.0113	3.15241
13200	-3.1199	-0.9369	5.6124	1.1653	11.259	3.1513	31.0298	3.16496
13300	-3.0902	-0.9024	5.6159	1.1666	11.329	3.1632	31.0467	3.17740
13400	-3.0611	-0.8684	5.6193	1.1678	11.399	3.1749	31.0618	3.18971
13500	-3.0325	-0.8350	5.6228	1.1691	11.468	3.1866	31.0757	3.20193
13600	-3.0044	-0.8021	5.6261	1.1706	11.539	3.1981	31.0880	3.21404
13700	-2.9769	-0.7698	5.6295	1.1719	11.608	3.2096	31.0987	3.22603
13800	-2.9496	-0.7379	5.6328	1.1734	11.679	3.2209	31.1082	3.23792
13900	-2.9230	-0.7066	5.6360	1.1710	11.729	3.2321	31.1161	3.24970
14000	-2.8960	-0.6752	5.6393	1.1760	11.815	3.2426	31.1278	3.26080
14100	-2.8710	-0.6455	5.6424	1.1814	11.906	3.2541	31.1280	3.27291
14200	-2.8457	-0.6157	5.6455	1.1788	11.955	3.2649	31.1318	3.28434
14300	-2.8208	-0.5863	5.6486	1.1802	12.024	3.2756	31.1343	3.29566
14400	-2.7963	-0.5574	5.6516	1.1817	12.092	3.2862	31.1356	3.30686
14500	-2.7723	-0.5290	5.6546	1.1834	12.162	3.2967	31.1358	3.31797
14600	-2.7487	-0.5010	5.6576	1.1847	12.230	3.3070	31.1344	3.32895
14700	-2.7254	-0.4735	5.6605	1.1860	12.298	3.3172	31.1319	3.33982
14800	-2.7026	-0.4464	5.6634	1.1875	12.366	3.3274	31.1283	3.35058
14900	-2.6802	-0.4197	5.6663	1.1891	12.435	3.3373	31.1230	3.36121
15000	-2.6581	-0.3935	5.6691	1.1901	12.500	3.3472	31.1169	3.37174

S/R= 84.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6700	-6.9657	-5.2346	5.2391	1.0994	6.501	2.1939	25.8835	2.19390
6800	-6.8688	-5.1281	5.2481	1.0995	6.574	2.2101	26.0391	2.21015
6900	-6.7728	-5.0224	5.2571	1.0997	6.647	2.2266	26.1971	2.22662
7000	-6.6777	-4.9179	5.2660	1.0998	6.720	2.2432	26.3568	2.24326
7100	-6.5838	-4.8145	5.2748	1.1002	6.794	2.2600	26.5179	2.26006

S/R= 84.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7200	-6.4910	-4.7125	5.2835	1.1006	6.869	2.2769	26.5785	2.27699
7300	-6.3996	-4.6118	5.2921	1.1012	6.944	2.2939	26.8394	2.29401
7400	-6.3096	-4.5127	5.3006	1.1017	7.019	2.3110	26.9985	2.31111
7500	-6.2210	-4.4150	5.3089	1.1023	7.095	2.3281	27.1570	2.32827
7600	-6.1338	-4.3189	5.3172	1.1030	7.170	2.3453	27.3128	2.34548
7700	-6.0482	-4.2245	5.3253	1.1038	7.246	2.3625	27.4673	2.36272
7800	-5.9640	-4.1315	5.3333	1.1045	7.322	2.3798	27.6190	2.37997
7900	-5.8814	-4.0403	5.3412	1.1052	7.398	2.3970	27.7681	2.39724
8000	-5.8003	-3.9505	5.3489	1.1061	7.474	2.4142	27.9151	2.41450
8100	-5.7207	-3.8625	5.3565	1.1069	7.550	2.4314	28.0581	2.43172
8200	-5.6426	-3.7760	5.3640	1.1078	7.627	2.4486	28.1989	2.44895
8300	-5.5660	-3.6912	5.3714	1.1088	7.703	2.4657	28.3364	2.46614
8400	-5.4909	-3.6078	5.3787	1.1097	7.779	2.4828	28.4714	2.48330
8500	-5.4172	-3.5260	5.3858	1.1106	7.856	2.4999	28.6029	2.50041
8600	-5.3450	-3.4458	5.3928	1.1115	7.932	2.5169	28.7307	2.51746
8700	-5.2743	-3.3671	5.3997	1.1125	8.008	2.5338	28.8555	2.53446
8800	-5.2048	-3.2898	5.4065	1.1136	8.085	2.5507	28.9777	2.55142
8900	-5.1368	-3.2141	5.4132	1.1146	8.161	2.5675	29.0958	2.56830
9000	-5.0701	-3.1397	5.4198	1.1155	8.237	2.5842	29.2111	2.58511
9100	-5.0047	-3.0667	5.4263	1.1166	8.313	2.6009	29.3235	2.60187
9200	-4.9407	-2.9952	5.4326	1.1177	8.389	2.6174	29.4322	2.61854
9300	-4.8779	-2.9249	5.4389	1.1187	8.465	2.6339	29.5381	2.63514
9400	-4.8163	-2.8560	5.4450	1.1198	8.541	2.6503	29.6412	2.65168
9500	-4.7560	-2.7884	5.4511	1.1209	8.617	2.6666	29.7405	2.66812
9600	-4.6968	-2.7221	5.4570	1.1220	8.693	2.6828	29.8371	2.68448
9700	-4.6388	-2.6570	5.4629	1.1230	8.768	2.6990	29.9309	2.70076
9800	-4.5819	-2.5931	5.4687	1.1241	8.844	2.7150	30.0217	2.71694
9900	-4.5262	-2.5304	5.4743	1.1253	8.920	2.7309	30.1093	2.73304
10000	-4.4715	-2.4689	5.4799	1.1263	8.995	2.7468	30.1945	2.74906
10100	-4.4180	-2.4085	5.4854	1.1275	9.070	2.7625	30.2769	2.76498
10200	-4.3654	-2.3492	5.4908	1.1287	9.145	2.7782	30.3560	2.78081
10300	-4.3139	-2.2911	5.4962	1.1298	9.220	2.7937	30.4327	2.79653
10400	-4.2634	-2.2339	5.5014	1.1309	9.295	2.8091	30.5067	2.81218
10500	-4.2138	-2.1778	5.5066	1.1322	9.370	2.8244	30.5784	2.82772
10600	-4.1652	-2.1228	5.5117	1.1333	9.445	2.8396	30.6471	2.84317
10700	-4.1175	-2.0687	5.5167	1.1344	9.519	2.8547	30.7133	2.85851
10800	-4.0708	-2.0156	5.5217	1.1356	9.593	2.8697	30.7774	2.87377
10900	-4.0249	-1.9635	5.5265	1.1368	9.668	2.8846	30.8388	2.88891
11000	-3.9799	-1.9123	5.5313	1.1380	9.742	2.8994	30.8976	2.90395
11100	-3.9357	-1.8621	5.5360	1.1392	9.816	2.9140	30.9542	2.91891
11200	-3.8924	-1.8127	5.5407	1.1403	9.890	2.9286	31.0085	2.93374
11300	-3.8499	-1.7642	5.5453	1.1415	9.964	2.9430	31.0604	2.94847
11400	-3.8082	-1.7165	5.5498	1.1429	10.038	2.9573	31.1104	2.96311
11500	-3.7672	-1.6697	5.5543	1.1441	10.111	2.9715	31.1581	2.97764
11600	-3.7271	-1.6237	5.5587	1.1452	10.184	2.9856	31.2033	2.99206
11700	-3.6876	-1.5785	5.5630	1.1465	10.258	2.9995	31.2466	3.00637
11800	-3.6489	-1.5342	5.5673	1.1478	10.331	3.0133	31.2876	3.02057
11900	-3.6110	-1.4905	5.5715	1.1489	10.403	3.0271	31.3270	3.03467
12000	-3.5736	-1.4476	5.5756	1.1503	10.476	3.0407	31.3643	3.04866
12100	-3.5371	-1.4055	5.5797	1.1516	10.549	3.0541	31.3995	3.06254
12200	-3.5011	-1.3641	5.5837	1.1528	10.622	3.0675	31.4325	3.07632
12300	-3.4658	-1.3234	5.5877	1.1542	10.694	3.0807	31.4641	3.08998
12400	-3.4312	-1.2834	5.5916	1.1555	10.767	3.0938	31.4935	3.10352
12500	-3.3972	-1.2441	5.5955	1.1566	10.838	3.1068	31.5213	3.11695
12600	-3.3638	-1.2054	5.5993	1.1578	10.909	3.1197	31.5469	3.13028

S/R= 84.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12700	-3.3309	-1.1674	5.6031	1.1593	10.982	3.1324	31.5710	3.14349
12800	-3.2987	-1.1301	5.6068	1.1607	11.054	3.1451	31.5935	3.15659
12900	-3.2671	-1.0933	5.6105	1.1618	11.124	3.1575	31.6141	3.16958
13000	-3.2360	-1.0572	5.6141	1.1633	11.196	3.1699	31.6325	3.18244
13100	-3.2055	-1.0217	5.6176	1.1648	11.268	3.1822	31.6500	3.19518
13200	-3.1756	-0.9868	5.6212	1.1660	11.339	3.1943	31.6657	3.20782
13300	-3.1461	-0.9524	5.6246	1.1674	11.409	3.2063	31.6796	3.22035
13400	-3.1172	-0.9187	5.6281	1.1687	11.480	3.2182	31.6919	3.23275
13500	-3.0888	-0.8855	5.6314	1.1700	11.550	3.2299	31.7029	3.24504
13600	-3.0609	-0.8528	5.6348	1.1716	11.621	3.2415	31.7122	3.25721
13700	-3.0335	-0.8207	5.6381	1.1730	11.692	3.2530	31.7200	3.26925
13800	-3.0066	-0.7891	5.6413	1.1744	11.762	3.2644	31.7262	3.28117
13900	-2.9802	-0.7581	5.6445	1.1720	11.813	3.2756	31.7309	3.29298
14000	-2.9535	-0.7268	5.6477	1.1772	11.901	3.2862	31.7392	3.30411
14100	-2.9287	-0.6974	5.6508	1.1828	11.993	3.2977	31.7361	3.31625
14200	-2.9037	-0.6679	5.6539	1.1802	12.042	3.3086	31.7367	3.32770
14300	-2.8791	-0.6388	5.6569	1.1817	12.111	3.3193	31.7358	3.33903
14400	-2.8548	-0.6102	5.6599	1.1830	12.180	3.3299	31.7339	3.35023
14500	-2.8311	-0.5821	5.6628	1.1848	12.250	3.3404	31.7299	3.36131
14600	-2.8078	-0.5544	5.6658	1.1864	12.320	3.3508	31.7248	3.37226
14700	-2.7848	-0.5272	5.6686	1.1877	12.388	3.3610	31.7190	3.38310
14800	-2.7623	-0.5004	5.6715	1.1893	12.456	3.3711	31.7116	3.39383
14900	-2.7402	-0.4741	5.6743	1.1909	12.526	3.3811	31.7026	3.40442
15000	-2.7184	-0.4482	5.6771	1.1920	12.592	3.3909	31.6927	3.41489

S/R= 85.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6800	-6.9555	-5.2105	5.2577	1.0979	6.601	2.2316	26.6175	2.23166
6900	-6.8567	-5.1320	5.2668	1.0980	6.675	2.2488	26.7874	2.24885
7000	-6.7591	-4.9948	5.2758	1.0983	6.750	2.2661	26.9574	2.26619
7100	-6.6628	-4.8891	5.2847	1.0988	6.826	2.2836	27.1274	2.28366
7200	-6.5680	-4.7848	5.2935	1.0994	6.902	2.3011	27.2975	2.30123
7300	-6.4746	-4.6822	5.3021	1.1000	6.978	2.3188	27.4659	2.31887
7400	-6.3827	-4.5811	5.3107	1.1006	7.054	2.3364	27.6326	2.33657
7500	-6.2925	-4.4818	5.3191	1.1013	7.131	2.3542	27.7970	2.35431
7600	-6.2038	-4.3841	5.3273	1.1020	7.208	2.3719	27.9597	2.37209
7700	-6.1168	-4.2881	5.3355	1.1029	7.285	2.3897	28.1189	2.38986
7800	-6.0314	-4.1938	5.3435	1.1036	7.361	2.4074	28.2757	2.40764
7900	-5.9476	-4.1013	5.3514	1.1045	7.439	2.4252	28.4292	2.42542
8000	-5.8653	-4.0105	5.3591	1.1053	7.516	2.4429	28.5797	2.44317
8100	-5.7847	-3.9213	5.3668	1.1062	7.593	2.4606	28.7271	2.46089
8200	-5.7057	-3.8339	5.3743	1.1072	7.670	2.4782	28.8708	2.47859
8300	-5.6282	-3.7481	5.3816	1.1081	7.748	2.4958	29.0113	2.49623
8400	-5.5523	-3.6639	5.3889	1.1091	7.825	2.5134	29.1488	2.51384
8500	-5.4779	-3.5813	5.3960	1.1100	7.902	2.5308	29.2824	2.53138
8600	-5.4049	-3.5003	5.4030	1.1110	7.979	2.5483	29.4130	2.54888
8700	-5.3335	-3.4210	5.4099	1.1120	8.056	2.5656	29.5393	2.56629
8800	-5.2635	-3.3431	5.4167	1.1131	8.134	2.5829	29.6628	2.58365
8900	-5.1949	-3.2667	5.4234	1.1141	8.211	2.6001	29.7829	2.60094
9000	-5.1278	-3.1918	5.4299	1.1151	8.288	2.6172	29.8990	2.61814
9100	-5.0619	-3.1183	5.4363	1.1162	8.365	2.6342	30.0123	2.63528
9200	-4.9973	-3.0463	5.4427	1.1173	8.442	2.6512	30.1222	2.65233
9300	-4.9342	-2.9756	5.4489	1.1184	8.518	2.6680	30.2287	2.66930
9400	-4.8722	-2.9063	5.4550	1.1194	8.595	2.6848	30.3320	2.68618

S/R= 85.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9500	-4.8115	-2.8383	5.4611	1.1206	8.672	2.7015	30.4322	2.70298
9600	-4.7521	-2.7717	5.4670	1.1217	8.748	2.7180	30.5288	2.71968
9700	-4.6938	-2.7063	5.4728	1.1228	8.825	2.7345	30.6224	2.73629
9800	-4.6367	-2.6421	5.4786	1.1239	8.901	2.7508	30.7131	2.75280
9900	-4.5807	-2.5792	5.4842	1.1251	8.978	2.7671	30.8008	2.76922
10000	-4.5258	-2.5174	5.4898	1.1262	9.054	2.7833	30.8855	2.78555
10100	-4.4721	-2.4568	5.4952	1.1273	9.129	2.7993	30.9672	2.80177
10200	-4.4193	-2.3973	5.5006	1.1285	9.205	2.8152	31.0461	2.81791
10300	-4.3677	-2.3390	5.5059	1.1297	9.281	2.8310	31.1220	2.83391
10400	-4.3170	-2.2818	5.5111	1.1308	9.357	2.8468	31.1952	2.84984
10500	-4.2673	-2.2256	5.5163	1.1320	9.432	2.8623	31.2659	2.86566
10600	-4.2186	-2.1704	5.5213	1.1333	9.508	2.8778	31.3339	2.88138
10700	-4.1709	-2.1162	5.5263	1.1344	9.583	2.8932	31.3990	2.89698
10800	-4.1240	-2.0631	5.5312	1.1356	9.658	2.9084	31.4618	2.91248
10900	-4.0781	-2.0109	5.5360	1.1368	9.733	2.9236	31.5216	2.92788
11000	-4.0331	-1.9597	5.5408	1.1380	9.808	2.9386	31.5793	2.94316
11100	-3.9889	-1.9094	5.5455	1.1393	9.883	2.9535	31.6345	2.95835
11200	-3.9456	-1.8600	5.5501	1.1405	9.957	2.9682	31.6873	2.97340
11300	-3.9031	-1.8115	5.5547	1.1416	10.031	2.9829	31.7375	2.98836
11400	-3.8614	-1.7639	5.5591	1.1430	10.106	2.9974	31.7854	3.00320
11500	-3.8205	-1.7171	5.5636	1.1443	10.180	3.0118	31.8316	3.01793
11600	-3.7804	-1.6712	5.5679	1.1455	10.254	3.0261	31.8750	3.03254
11700	-3.7410	-1.6260	5.5722	1.1468	10.328	3.0402	31.9162	3.04705
11800	-3.7024	-1.5817	5.5764	1.1480	10.402	3.0542	31.9553	3.06143
11900	-3.6645	-1.5382	5.5806	1.1492	10.475	3.0681	31.9924	3.07570
12000	-3.6272	-1.4954	5.5847	1.1506	10.549	3.0819	32.0278	3.08986
12100	-3.5908	-1.4534	5.5888	1.1520	10.622	3.0955	32.0605	3.10389
12200	-3.5549	-1.4121	5.5927	1.1532	10.695	3.1090	32.0913	3.11782
12300	-3.5198	-1.3715	5.5967	1.1547	10.769	3.1224	32.1203	3.13162
12400	-3.4853	-1.3317	5.6006	1.1560	10.841	3.1357	32.1474	3.14530
12500	-3.4514	-1.2925	5.6044	1.1571	10.913	3.1488	32.1724	3.15886
12600	-3.4182	-1.2540	5.6082	1.1585	10.986	3.1618	32.1956	3.17230
12700	-3.3855	-1.2162	5.6119	1.1600	11.059	3.1747	32.2170	3.18561
12800	-3.3535	-1.1790	5.6156	1.1613	11.131	3.1874	32.2364	3.19882
12900	-3.3220	-1.1424	5.6192	1.1625	11.202	3.2000	32.2543	3.21191
13000	-3.2912	-1.1065	5.6227	1.1641	11.275	3.2125	32.2701	3.22486
13100	-3.2609	-1.0713	5.6263	1.1656	11.347	3.2248	32.2843	3.23768
13200	-3.2311	-1.0366	5.6297	1.1669	11.418	3.2370	32.2969	3.25039
13300	-3.2019	-1.0025	5.6332	1.1683	11.490	3.2491	32.3078	3.26295
13400	-3.1733	-0.9689	5.6365	1.1696	11.561	3.2610	32.3168	3.27541
13500	-3.1451	-0.9360	5.6399	1.1710	11.632	3.2728	32.3244	3.28775
13600	-3.1174	-0.9036	5.6432	1.1726	11.704	3.2845	32.3305	3.29996
13700	-3.0903	-0.8717	5.6464	1.1742	11.775	3.2961	32.3351	3.31203
13800	-3.0637	-0.8404	5.6496	1.1756	11.846	3.3075	32.3378	3.32398
13900	-3.0375	-0.8097	5.6527	1.1732	11.896	3.3187	32.3385	3.33579
14000	-3.0111	-0.7787	5.6559	1.1786	11.986	3.3293	32.3439	3.34689
14100	-2.9866	-0.7497	5.6589	1.1844	12.079	3.3409	32.3369	3.35904
14200	-2.9618	-0.7204	5.6619	1.1817	12.127	3.3517	32.3337	3.37048
14300	-2.9375	-0.6917	5.6649	1.1832	12.197	3.3625	32.3292	3.38178
14400	-2.9136	-0.6634	5.6679	1.1847	12.267	3.3731	32.3233	3.39295
14500	-2.8902	-0.6356	5.6708	1.1866	12.338	3.3836	32.3156	3.40400
14600	-2.8672	-0.6083	5.6736	1.1882	12.408	3.3939	32.3065	3.41490
14700	-2.8446	-0.5814	5.6765	1.1896	12.477	3.4041	32.2964	3.42567
14800	-2.8224	-0.5550	5.6793	1.1913	12.546	3.4141	32.2849	3.43632
14900	-2.8007	-0.5291	5.6820	1.1931	12.617	3.4241	32.2722	3.44682

S/R= 85.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
15000	-2.7793	-0.5035	5.6847	1.1942	12.682	3.4339	32.2577	3.45720

S/R= 86.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6900	-6.9364	-5.1773	5.2765	1.0968	6.705	2.2717	27.3955	2.27176
7000	-6.8365	-5.0677	5.2856	1.0971	6.781	2.2897	27.5752	2.28977
7100	-6.7382	-4.9599	5.2946	1.0976	6.858	2.3078	27.7536	2.30787
7200	-6.6413	-4.8536	5.3034	1.0983	6.935	2.3260	27.9314	2.32606
7300	-6.5462	-4.7490	5.3121	1.0989	7.013	2.3442	28.1068	2.34429
7400	-6.4528	-4.6463	5.3207	1.0997	7.090	2.3624	28.2800	2.36257
7500	-6.3610	-4.5454	5.3292	1.1004	7.168	2.3807	28.4503	2.38087
7600	-6.2710	-4.4463	5.3375	1.1012	7.246	2.3990	28.6178	2.39918
7700	-6.1826	-4.3490	5.3456	1.1021	7.324	2.4173	28.7820	2.41749
7800	-6.0960	-4.2535	5.3536	1.1029	7.402	2.4355	28.9431	2.43577
7900	-6.0111	-4.1598	5.3615	1.1038	7.480	2.4538	29.1008	2.45405
8000	-5.9279	-4.0679	5.3693	1.1047	7.558	2.4720	29.2547	2.47228
8100	-5.8464	-3.9778	5.3769	1.1056	7.636	2.4901	29.4051	2.49047
8200	-5.7665	-3.8895	5.3844	1.1065	7.715	2.5082	29.5519	2.50863
8300	-5.6883	-3.8028	5.3918	1.1075	7.793	2.5263	29.6947	2.52671
8400	-5.6115	-3.7178	5.3990	1.1085	7.871	2.5443	29.8345	2.54476
8500	-5.5365	-3.6346	5.4061	1.1096	7.949	2.5622	29.9702	2.56273
8600	-5.4630	-3.5530	5.4131	1.1105	8.027	2.5800	30.1021	2.58063
8700	-5.3909	-3.4729	5.4200	1.1116	8.105	2.5978	30.2306	2.59846
8800	-5.3204	-3.3945	5.4267	1.1127	8.183	2.6154	30.3550	2.61621
8900	-5.2513	-3.3176	5.4333	1.1137	8.261	2.6330	30.4758	2.63388
9000	-5.1837	-3.2422	5.4399	1.1148	8.339	2.6505	30.5936	2.65147
9100	-5.1174	-3.1683	5.4463	1.1158	8.417	2.6679	30.7071	2.66897
9200	-5.0525	-3.0959	5.4526	1.1169	8.494	2.6852	30.8176	2.68638
9300	-4.9889	-3.0248	5.4588	1.1181	8.572	2.7024	30.9246	2.70371
9400	-4.9267	-2.9552	5.4649	1.1192	8.650	2.7195	31.0279	2.72094
9500	-4.8657	-2.8869	5.4709	1.1203	8.727	2.7365	31.1279	2.73806
9600	-4.8059	-2.8199	5.4768	1.1214	8.804	2.7534	31.2248	2.75511
9700	-4.7474	-2.7543	5.4825	1.1225	8.881	2.7702	31.3182	2.77203
9800	-4.6901	-2.6899	5.4883	1.1237	8.958	2.7869	31.4084	2.78885
9900	-4.6339	-2.6268	5.4939	1.1249	9.036	2.8035	31.4958	2.80559
10000	-4.5789	-2.5648	5.4994	1.1261	9.113	2.8199	31.5798	2.82222
10100	-4.5250	-2.5041	5.5048	1.1272	9.189	2.8362	31.6606	2.83873
10200	-4.4721	-2.4444	5.5102	1.1284	9.266	2.8525	31.7385	2.85514
10300	-4.4203	-2.3860	5.5155	1.1296	9.342	2.8685	31.8139	2.87143
10400	-4.3696	-2.3286	5.5206	1.1308	9.419	2.8845	31.8860	2.88763
10500	-4.3198	-2.2724	5.5257	1.1321	9.495	2.9004	31.9552	2.90371
10600	-4.2711	-2.2171	5.5308	1.1332	9.571	2.9161	32.0219	2.91968
10700	-4.2233	-2.1629	5.5357	1.1344	9.647	2.9317	32.0862	2.93553
10800	-4.1764	-2.1097	5.5406	1.1356	9.722	2.9472	32.1473	2.95128
10900	-4.1305	-2.0575	5.5454	1.1369	9.798	2.9626	32.2056	2.96690
11000	-4.0855	-2.0063	5.5501	1.1381	9.874	2.9778	32.2616	2.98241
11100	-4.0413	-1.9560	5.5547	1.1395	9.949	2.9929	32.3152	2.99781
11200	-3.9980	-1.9067	5.5593	1.1407	10.025	3.0079	32.3661	3.01307
11300	-3.9556	-1.8582	5.5638	1.1419	10.099	3.0227	32.4143	3.02823
11400	-3.9139	-1.8107	5.5683	1.1432	10.174	3.0375	32.4604	3.04327
11500	-3.8731	-1.7639	5.5726	1.1445	10.249	3.0521	32.5045	3.05819
11600	-3.8331	-1.7181	5.5770	1.1458	10.324	3.0665	32.5457	3.07298
11700	-3.7938	-1.6731	5.5812	1.1472	10.399	3.0808	32.5847	3.08765
11800	-3.7553	-1.6289	5.5854	1.1484	10.473	3.0950	32.6216	3.10220

S/R= 86.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11900	-3.7175	-1.5855	5.5895	1.1496	10.546	3.1091	32.6562	3.11663
12000	-3.6804	-1.5428	5.5936	1.1510	10.621	3.1230	32.6892	3.13094
12100	-3.6441	-1.5009	5.5976	1.1524	10.695	3.1368	32.7193	3.14511
12200	-3.6084	-1.4598	5.6015	1.1538	10.769	3.1504	32.7474	3.15916
12300	-3.5734	-1.4194	5.6054	1.1552	10.843	3.1640	32.7738	3.17308
12400	-3.5391	-1.3797	5.6093	1.1566	10.916	3.1773	32.7980	3.18687
12500	-3.5054	-1.3407	5.6131	1.1578	10.989	3.1906	32.8202	3.20054
12600	-3.4723	-1.3025	5.6168	1.1592	11.062	3.2037	32.8407	3.21409
12700	-3.4399	-1.2648	5.6205	1.1606	11.135	3.2166	32.8589	3.22749
12800	-3.4081	-1.2279	5.6241	1.1622	11.208	3.2295	32.8752	3.24076
12900	-3.3768	-1.1916	5.6277	1.1635	11.280	3.2422	32.8898	3.25392
13000	-3.3462	-1.1559	5.6312	1.1649	11.353	3.2547	32.9024	3.26694
13100	-3.3162	-1.1209	5.6346	1.1665	11.426	3.2671	32.9136	3.27982
13200	-3.2867	-1.0864	5.6381	1.1679	11.498	3.2794	32.9227	3.29257
13300	-3.2577	-1.0526	5.6414	1.1694	11.570	3.2915	32.9301	3.30518
13400	-3.2293	-1.0194	5.6448	1.1707	11.641	3.3035	32.9358	3.31765
13500	-3.2014	-0.9867	5.6481	1.1722	11.713	3.3153	32.9396	3.33000
13600	-3.1741	-0.9546	5.6513	1.1740	11.786	3.3270	32.9419	3.34221
13700	-3.1472	-0.9231	5.6545	1.1755	11.857	3.3386	32.9426	3.35429
13800	-3.1209	-0.8921	5.6576	1.1770	11.929	3.3500	32.9417	3.36624
13900	-3.0951	-0.8617	5.6607	1.1745	11.979	3.3613	32.9390	3.37803
14000	-3.0689	-0.8310	5.6639	1.1802	12.070	3.3718	32.9404	3.38910
14100	-3.0448	-0.8024	5.6668	1.1862	12.165	3.3834	32.9293	3.40121
14200	-3.0204	-0.7735	5.6698	1.1835	12.213	3.3943	32.9215	3.41259
14300	-2.9964	-0.7451	5.6727	1.1850	12.284	3.4050	32.9129	3.42382
14400	-2.9729	-0.7172	5.6755	1.1866	12.354	3.4155	32.9025	3.43493
14500	-2.9498	-0.6898	5.6784	1.1886	12.426	3.4260	32.8907	3.44591
14600	-2.9272	-0.6629	5.6813	1.1901	12.495	3.4362	32.8773	3.45672
14700	-2.9049	-0.6364	5.6840	1.1917	12.565	3.4464	32.8631	3.46741
14800	-2.8831	-0.6104	5.6868	1.1935	12.635	3.4564	32.8469	3.47795
14900	-2.8618	-0.5849	5.6895	1.1955	12.707	3.4662	32.8294	3.48833
15000	-2.8408	-0.5598	5.6921	1.1968	12.774	3.4759	32.8104	3.49858

S/R= 87.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7000	-6.9103	-5.1370	5.2955	1.0962	6.814	2.3139	28.2784	2.31394
7100	-6.8100	-5.0271	5.3045	1.0966	6.891	2.3326	28.3946	2.33265
7200	-6.7115	-4.9190	5.3134	1.0973	6.970	2.3513	28.5788	2.35143
7300	-6.6147	-4.8128	5.3221	1.0980	7.048	2.3701	28.7510	2.37024
7400	-6.5198	-4.7085	5.3307	1.0988	7.127	2.3889	28.9394	2.38906
7500	-6.4267	-4.6062	5.3392	1.0996	7.206	2.4078	29.1149	2.40790
7600	-6.3354	-4.5057	5.3475	1.1004	7.285	2.4266	29.2973	2.42673
7700	-6.2459	-4.4073	5.3557	1.1014	7.364	2.4453	29.4554	2.44555
7800	-6.1583	-4.3106	5.3637	1.1022	7.443	2.4641	29.6206	2.46433
7900	-6.0724	-4.2160	5.3716	1.1031	7.522	2.4828	29.7814	2.48308
8000	-5.9882	-4.1231	5.3793	1.1041	7.601	2.5015	29.9389	2.50178
8100	-5.9059	-4.0322	5.3869	1.1050	7.680	2.5201	30.0917	2.52042
8200	-5.8252	-3.9430	5.3944	1.1060	7.759	2.5386	30.2411	2.53903
8300	-5.7463	-3.8556	5.4018	1.1070	7.838	2.5571	30.3860	2.55754
8400	-5.6689	-3.7700	5.4090	1.1081	7.918	2.5755	30.5276	2.57600
8500	-5.5932	-3.6860	5.4161	1.1091	7.997	2.5938	30.6650	2.59440
8600	-5.5192	-3.6038	5.4230	1.1101	8.075	2.6121	30.7981	2.61269
8700	-5.4466	-3.5233	5.4299	1.1112	8.154	2.6302	30.9275	2.63091
8800	-5.3756	-3.4443	5.4366	1.1123	8.233	2.6483	31.0534	2.64906



S/R= 87.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9900	-5.3061	-3.3670	5.4432	1.1133	8.312	2.6662	31.1746	2.66710
9000	-5.2381	-3.2912	5.4497	1.1145	8.391	2.6841	31.2928	2.68505
9100	-5.1714	-3.2169	5.4561	1.1156	8.469	2.7019	31.4071	2.70292
9200	-5.1062	-3.1441	5.4623	1.1167	8.547	2.7195	31.5175	2.72067
9300	-5.0423	-3.0727	5.4685	1.1178	8.626	2.7371	31.6247	2.73834
9400	-4.9799	-3.0028	5.4746	1.1190	8.704	2.7545	31.7282	2.75591
9500	-4.9186	-2.9343	5.4805	1.1201	8.782	2.7718	31.8279	2.77335
9600	-4.8586	-2.8670	5.4864	1.1213	8.860	2.7890	31.9242	2.79071
9700	-4.7999	-2.8011	5.4922	1.1224	8.938	2.8051	32.0174	2.80795
9800	-4.7424	-2.7366	5.4979	1.1236	9.016	2.8231	32.1069	2.82508
9900	-4.6861	-2.6733	5.5034	1.1248	9.094	2.8400	32.1934	2.84210
10000	-4.6309	-2.6112	5.5089	1.1260	9.172	2.8557	32.2765	2.85902
10100	-4.5769	-2.5503	5.5143	1.1272	9.249	2.8733	32.3566	2.87582
10200	-4.5239	-2.4906	5.5195	1.1284	9.326	2.8898	32.4335	2.89250
10300	-4.4721	-2.4321	5.5248	1.1296	9.403	2.9052	32.5071	2.90905
10400	-4.4213	-2.3746	5.5300	1.1308	9.480	2.9224	32.5785	2.92551
10500	-4.3715	-2.3183	5.5350	1.1321	9.557	2.9385	32.6464	2.94183
10600	-4.3227	-2.2631	5.5400	1.1333	9.634	2.9545	32.7113	2.95805
10700	-4.2749	-2.2089	5.5449	1.1345	9.710	2.9703	32.7735	2.97413
10800	-4.2280	-2.1557	5.5497	1.1357	9.787	2.9861	32.8334	2.99010
10900	-4.1821	-2.1035	5.5545	1.1371	9.863	3.0016	32.8900	3.00594
11000	-4.1372	-2.0523	5.5592	1.1384	9.940	3.0171	32.9438	3.02166
11100	-4.0931	-2.0021	5.5638	1.1396	10.015	3.0324	32.9957	3.03727
11200	-4.0498	-1.9528	5.5683	1.1409	10.091	3.0476	33.0444	3.05273
11300	-4.0075	-1.9044	5.5728	1.1421	10.167	3.0626	33.0907	3.06807
11400	-3.9659	-1.8570	5.5772	1.1435	10.243	3.0775	33.1347	3.08328
11500	-3.9252	-1.8104	5.5815	1.1448	10.318	3.0923	33.1759	3.09837
11600	-3.8853	-1.7646	5.5858	1.1461	10.393	3.1069	33.2148	3.11333
11700	-3.8461	-1.7197	5.5900	1.1476	10.469	3.1214	33.2515	3.12815
11800	-3.8078	-1.6757	5.5941	1.1488	10.543	3.1357	33.2858	3.14284
11900	-3.7701	-1.6324	5.5982	1.1500	10.617	3.1499	33.3175	3.15740
12000	-3.7332	-1.5899	5.6022	1.1516	10.693	3.1640	33.3476	3.17184
12100	-3.6970	-1.5483	5.6062	1.1530	10.767	3.1779	33.3752	3.18613
12200	-3.6615	-1.5073	5.6101	1.1544	10.842	3.1917	33.4004	3.20030
12300	-3.6268	-1.4671	5.6140	1.1559	10.916	3.2053	33.4237	3.21432
12400	-3.5927	-1.4277	5.6178	1.1572	10.990	3.2188	33.4447	3.22819
12500	-3.5592	-1.3889	5.6215	1.1585	11.063	3.2321	33.4639	3.24194
12600	-3.5264	-1.3509	5.6252	1.1500	11.137	3.2453	33.4808	3.25556
12700	-3.4942	-1.3135	5.6288	1.1615	11.211	3.2583	33.4960	3.26904
12800	-3.4626	-1.2768	5.6324	1.1631	11.285	3.2712	33.5089	3.28238
12900	-3.4316	-1.2408	5.6359	1.1644	11.358	3.2840	33.5201	3.29557
13000	-3.4013	-1.2054	5.6394	1.1660	11.431	3.2966	33.5292	3.30861
13100	-3.3715	-1.1707	5.6428	1.1675	11.504	3.3090	33.5365	3.32152
13200	-3.3423	-1.1366	5.6462	1.1690	11.577	3.3213	33.5419	3.33430
13300	-3.3136	-1.1030	5.6495	1.1706	11.650	3.3335	33.5455	3.34692
13400	-3.2856	-1.0701	5.6528	1.1721	11.722	3.3455	33.5473	3.35940
13500	-3.2580	-1.0378	5.6560	1.1736	11.794	3.3573	33.5474	3.37173
13600	-3.2310	-1.0061	5.6592	1.1753	11.867	3.3690	33.5454	3.38391
13700	-3.2045	-0.9749	5.6623	1.1770	11.939	3.3806	33.5417	3.39594
13800	-3.1785	-0.9443	5.6654	1.1786	12.011	3.3920	33.5367	3.40785
13900	-3.1530	-0.9142	5.6684	1.1759	12.061	3.4032	33.5296	3.41960
14000	-3.1271	-0.8839	5.6715	1.1819	12.154	3.4137	33.5272	3.43060
14100	-3.1035	-0.8557	5.6744	1.1884	12.251	3.4253	33.5112	3.44265
14200	-3.0794	-0.8272	5.6773	1.1855	12.299	3.4361	33.4991	3.45395
14300	-3.0559	-0.7993	5.6802	1.1871	12.370	3.4467	33.4858	3.46510

S/R= 87.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14400	-3.0327	-0.7718	5.6830	1.1888	12.440	3.4572	33.4710	3.47609
14500	-3.0100	-0.7448	5.6858	1.1908	12.513	3.4675	33.4541	3.48694
14600	-2.9878	-0.7183	5.6886	1.1925	12.583	3.4777	33.4359	3.49763
14700	-2.9660	-0.6923	5.6913	1.1942	12.653	3.4878	33.4168	3.50819
14800	-2.9446	-0.6667	5.6940	1.1961	12.724	3.4977	33.3957	3.51858
14900	-2.9237	-0.6417	5.6966	1.1981	12.796	3.5074	33.3731	3.52882
15000	-2.9032	-0.6170	5.6992	1.1994	12.863	3.5170	33.3492	3.53891

S/R= 88.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7000	-6.9808	-5.2029	5.3053	1.0952	6.847	2.3386	28.8549	2.33863
7100	-6.8788	-5.0911	5.3144	1.0957	6.926	2.3579	29.0491	2.35795
7200	-6.7787	-4.9814	5.3233	1.0965	7.005	2.3772	29.2392	2.37729
7300	-6.6805	-4.8737	5.3321	1.0972	7.085	2.3965	29.4265	2.39665
7400	-6.5842	-4.7680	5.3407	1.0981	7.165	2.4159	29.6105	2.41601
7500	-6.4899	-4.6644	5.3491	1.0989	7.245	2.4352	29.7905	2.43537
7600	-6.3974	-4.5627	5.3575	1.0998	7.325	2.4545	29.9672	2.45471
7700	-6.3069	-4.4632	5.3656	1.1007	7.405	2.4738	30.1390	2.47400
7800	-6.2182	-4.3655	5.3736	1.1016	7.485	2.4930	30.3074	2.49327
7900	-6.1315	-4.2700	5.3815	1.1026	7.565	2.5122	30.4710	2.51248
8000	-6.0465	-4.1762	5.3893	1.1036	7.645	2.5313	30.6303	2.53163
8100	-5.9634	-4.0845	5.3968	1.1045	7.724	2.5504	30.7861	2.55072
8200	-5.8821	-3.9946	5.4043	1.1055	7.804	2.5693	30.9374	2.56974
8300	-5.8025	-3.9065	5.4116	1.1066	7.885	2.5882	31.0848	2.58869
8400	-5.7246	-3.8203	5.4188	1.1076	7.964	2.6070	31.2271	2.60756
8500	-5.6483	-3.7358	5.4259	1.1088	8.044	2.6258	31.3657	2.62634
8600	-5.5737	-3.6531	5.4328	1.1098	8.124	2.6444	31.5003	2.64503
8700	-5.5008	-3.5721	5.4396	1.1108	8.204	2.6629	31.6302	2.66363
8800	-5.4293	-3.4926	5.4463	1.1120	8.283	2.6814	31.7569	2.68215
8900	-5.3595	-3.4149	5.4529	1.1131	8.363	2.6997	31.8787	2.70055
9000	-5.2911	-3.3388	5.4594	1.1143	8.442	2.7179	31.9969	2.71886
9100	-5.2241	-3.2641	5.4657	1.1153	8.521	2.7360	32.1115	2.73707
9200	-5.1586	-3.1910	5.4719	1.1165	8.601	2.7540	32.2219	2.75517
9300	-5.0945	-3.1194	5.4781	1.1176	8.680	2.7719	32.3287	2.77316
9400	-5.0317	-3.0492	5.4841	1.1188	8.759	2.7896	32.4319	2.79105
9500	-4.9703	-2.9804	5.4900	1.1199	8.838	2.8073	32.5311	2.80882
9600	-4.9102	-2.9131	5.4958	1.1212	8.917	2.8248	32.6266	2.82648
9700	-4.8513	-2.8470	5.5016	1.1223	8.995	2.8422	32.7191	2.84401
9800	-4.7936	-2.7823	5.5072	1.1235	9.074	2.8594	32.8080	2.86144
9900	-4.7372	-2.7189	5.5127	1.1247	9.152	2.8766	32.8936	2.87874
10000	-4.6820	-2.6567	5.5182	1.1260	9.230	2.8936	32.9755	2.89594
10100	-4.6279	-2.5957	5.5236	1.1272	9.308	2.9105	33.0542	2.91300
10200	-4.5748	-2.5359	5.5288	1.1284	9.386	2.9272	33.1298	2.92993
10300	-4.5230	-2.4774	5.5340	1.1296	9.464	2.9438	33.2023	2.94674
10400	-4.4722	-2.4199	5.5391	1.1308	9.542	2.9603	33.2715	2.96344
10500	-4.4224	-2.3636	5.5441	1.1322	9.619	2.9767	33.3380	2.98000
10600	-4.3736	-2.3084	5.5491	1.1334	9.697	2.9929	33.4012	2.99644
10700	-4.3258	-2.2542	5.5539	1.1347	9.774	3.0090	33.4615	3.01275
10800	-4.2790	-2.2010	5.5587	1.1359	9.851	3.0249	33.5193	3.02893
10900	-4.2332	-2.1489	5.5634	1.1373	9.928	3.0407	33.5742	3.04497
11000	-4.1883	-2.0978	5.5681	1.1386	10.005	3.0563	33.6257	3.06088
11100	-4.1443	-2.0477	5.5726	1.1399	10.081	3.0718	33.6752	3.07667
11200	-4.1011	-1.9985	5.5771	1.1412	10.158	3.0872	33.7216	3.09231
11300	-4.0589	-1.9502	5.5816	1.1425	10.234	3.1024	33.7654	3.10782

S/R= 88.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11400	-4.0175	-1.9029	5.5859	1.1439	10.311	3.1174	33.8073	3.12319
11500	-3.9769	-1.8565	5.5902	1.1453	10.387	3.1324	33.8457	3.13843
11600	-3.9371	-1.8109	5.5944	1.1466	10.462	3.1471	33.8818	3.15353
11700	-3.8981	-1.7662	5.5985	1.1480	10.538	3.1618	33.9157	3.16850
11800	-3.8600	-1.7223	5.6027	1.1493	10.613	3.1762	33.9469	3.18330
11900	-3.8225	-1.6793	5.6067	1.1507	10.689	3.1906	33.9759	3.19798
12000	-3.7858	-1.6370	5.6107	1.1522	10.764	3.2047	34.0025	3.21252
12100	-3.7498	-1.5955	5.6146	1.1537	10.840	3.2188	34.0272	3.22691
12200	-3.7146	-1.5548	5.6185	1.1551	10.915	3.2326	34.0493	3.24117
12300	-3.6800	-1.5149	5.6223	1.1565	10.989	3.2463	34.0691	3.25527
12400	-3.6462	-1.4757	5.6260	1.1580	11.064	3.2599	34.0866	3.26922
12500	-3.6130	-1.4372	5.6297	1.1595	11.138	3.2733	34.1025	3.28301
12600	-3.5804	-1.3994	5.6333	1.1610	11.212	3.2865	34.1157	3.29667
12700	-3.5485	-1.3624	5.6369	1.1625	11.287	3.2997	34.1271	3.31020
12800	-3.5172	-1.3260	5.6404	1.1641	11.361	3.3126	34.1363	3.32357
12900	-3.4865	-1.2902	5.6439	1.1655	11.434	3.3254	34.1436	3.33679
13000	-3.4565	-1.2552	5.6473	1.1672	11.509	3.3380	34.1489	3.34984
13100	-3.4271	-1.2208	5.6507	1.1687	11.582	3.3505	34.1520	3.36274
13200	-3.3982	-1.1871	5.6540	1.1702	11.655	3.3628	34.1533	3.37548
13300	-3.3699	-1.1539	5.6573	1.1720	11.729	3.3749	34.1525	3.38809
13400	-3.3421	-1.1214	5.6605	1.1736	11.802	3.3869	34.1502	3.40054
13500	-3.3149	-1.0894	5.6637	1.1752	11.875	3.3988	34.1458	3.41284
13600	-3.2883	-1.0581	5.6668	1.1769	11.948	3.4104	34.1398	3.42497
13700	-3.2621	-1.0273	5.6699	1.1787	12.021	3.4219	34.1316	3.43694
13800	-3.2365	-0.9971	5.6729	1.1804	12.093	3.4333	34.1219	3.44876
13900	-3.2115	-0.9675	5.6759	1.1776	12.142	3.4444	34.1101	3.46041
14000	-3.1860	-0.9376	5.6789	1.1838	12.237	3.4549	34.1029	3.47130
14100	-3.1629	-0.9098	5.6817	1.1907	12.336	3.4663	34.0815	3.48325
14200	-3.1391	-0.8818	5.6846	1.1877	12.383	3.4771	34.0648	3.49444
14300	-3.1160	-0.8543	5.6874	1.1894	12.454	3.4876	34.0464	3.50546
14400	-3.0933	-0.8273	5.6902	1.1912	12.526	3.4980	34.0266	3.51632
14500	-3.0711	-0.8008	5.6929	1.1934	12.600	3.5082	34.0044	3.52701
14600	-3.0494	-0.7748	5.6956	1.1952	12.671	3.5182	33.9811	3.53754
14700	-3.0280	-0.7493	5.6982	1.1971	12.742	3.5281	33.9568	3.54791
14800	-3.0071	-0.7243	5.7008	1.1990	12.813	3.5379	33.9299	3.55811
14900	-2.9866	-0.6997	5.7034	1.2011	12.885	3.5474	33.9018	3.56815
15000	-2.9666	-0.6756	5.7059	1.2025	12.953	3.5568	33.8723	3.57803

S/R= 89.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7100	-6.9447	-5.1523	5.3242	1.0953	6.962	2.3836	29.7152	2.38371
7200	-6.8431	-5.0410	5.3332	1.0957	7.042	2.4035	29.9112	2.40361
7300	-6.7436	-4.9320	5.3419	1.0965	7.122	2.4234	30.1031	2.42349
7400	-6.6461	-4.8250	5.3506	1.0974	7.203	2.4432	30.2915	2.44337
7500	-6.5506	-4.7202	5.3590	1.0983	7.284	2.4631	30.4757	2.46323
7600	-6.4571	-4.6175	5.3673	1.0992	7.365	2.4829	30.6555	2.48305
7700	-6.3657	-4.5169	5.3755	1.1002	7.446	2.5026	30.8310	2.50283
7800	-6.2762	-4.4184	5.3835	1.1011	7.527	2.5223	31.0019	2.52255
7900	-6.1886	-4.3219	5.3913	1.1021	7.608	2.5419	31.1685	2.54221
8000	-6.1030	-4.2275	5.3991	1.1031	7.688	2.5615	31.3301	2.56180
8100	-6.0191	-4.1350	5.4066	1.1041	7.769	2.5810	31.4879	2.58132
8200	-5.9372	-4.0445	5.4141	1.1052	7.850	2.6003	31.6404	2.60076
8300	-5.8570	-3.9559	5.4214	1.1063	7.931	2.6196	31.7889	2.62011
8400	-5.7786	-3.8690	5.4285	1.1073	8.011	2.6389	31.9328	2.63938

S/R= 89.0

T	LOG(RHU)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8500	-5.7019	-3.7841	5.4355	1.1084	8.092	2.6580	32.0721	2.65855
8600	-5.6269	-3.7009	5.4425	1.1095	8.173	2.6770	32.2076	2.67762
8700	-5.5535	-3.6194	5.4492	1.1106	8.253	2.6959	32.3380	2.69659
8800	-5.4817	-3.5396	5.4559	1.1117	8.333	2.7147	32.4647	2.71546
8900	-5.4115	-3.4615	5.4624	1.1129	8.414	2.7333	32.5871	2.73422
9000	-5.3428	-3.3851	5.4689	1.1140	8.494	2.7519	32.7053	2.75287
9100	-5.2756	-3.3102	5.4752	1.1151	8.574	2.7703	32.8193	2.77141
9200	-5.2098	-3.2368	5.4814	1.1163	8.654	2.7887	32.9299	2.78985
9300	-5.1455	-3.1650	5.4875	1.1175	8.734	2.8068	33.0360	2.80815
9400	-5.0826	-3.0946	5.4935	1.1186	8.813	2.8249	33.1384	2.82635
9500	-5.0210	-3.0256	5.4993	1.1199	8.893	2.8429	33.2370	2.84442
9600	-4.9607	-2.9581	5.5051	1.1211	8.973	2.8607	33.3319	2.86237
9700	-4.9017	-2.8920	5.5108	1.1222	9.052	2.8784	33.4232	2.88019
9800	-4.8440	-2.8271	5.5164	1.1235	9.131	2.8959	33.5108	2.89790
9900	-4.7875	-2.7636	5.5219	1.1247	9.210	2.9133	33.5953	2.91547
10000	-4.7322	-2.7014	5.5273	1.1260	9.289	2.9306	33.6756	2.93292
10100	-4.6780	-2.6404	5.5326	1.1272	9.368	2.9477	33.7530	2.95024
10200	-4.6250	-2.5806	5.5379	1.1285	9.447	2.9647	33.8269	2.96742
10300	-4.5732	-2.5220	5.5430	1.1298	9.525	2.9816	33.8977	2.98447
10400	-4.5223	-2.4646	5.5481	1.1309	9.603	2.9983	33.9653	3.00139
10500	-4.4726	-2.4083	5.5530	1.1323	9.681	3.0149	34.0297	3.01818
10600	-4.4239	-2.3531	5.5579	1.1336	9.760	3.0313	34.0909	3.03482
10700	-4.3762	-2.2990	5.5628	1.1349	9.837	3.0475	34.1492	3.05133
10800	-4.3295	-2.2459	5.5675	1.1362	9.915	3.0637	34.2046	3.06771
10900	-4.2837	-2.1939	5.5722	1.1376	9.993	3.0797	34.2570	3.08395
11000	-4.2389	-2.1429	5.5768	1.1389	10.070	3.0955	34.3062	3.10003
11100	-4.1950	-2.0929	5.5813	1.1402	10.147	3.1112	34.3529	3.11598
11200	-4.1520	-2.0439	5.5857	1.1416	10.224	3.1267	34.3969	3.13178
11300	-4.1099	-1.9958	5.5901	1.1429	10.301	3.1420	34.4380	3.14745
11400	-4.0687	-1.9486	5.5944	1.1443	10.378	3.1573	34.4765	3.16296
11500	-4.0283	-1.9023	5.5987	1.1457	10.455	3.1723	34.5124	3.17833
11600	-3.9887	-1.8570	5.6029	1.1471	10.531	3.1872	34.5455	3.19355
11700	-3.9499	-1.8125	5.6070	1.1486	10.608	3.2020	34.5765	3.20862
11800	-3.9120	-1.7688	5.6110	1.1500	10.684	3.2165	34.6045	3.22354
11900	-3.8747	-1.7260	5.6150	1.1513	10.759	3.2310	34.6301	3.23831
12000	-3.8383	-1.6840	5.6189	1.1529	10.836	3.2452	34.6534	3.25293
12100	-3.8026	-1.6428	5.6228	1.1545	10.912	3.2593	34.6745	3.26738
12200	-3.7676	-1.6024	5.6266	1.1559	10.987	3.2733	34.6929	3.28171
12300	-3.7333	-1.5627	5.6303	1.1574	11.062	3.2871	34.7089	3.29587
12400	-3.6997	-1.5238	5.6340	1.1589	11.137	3.3007	34.7230	3.30986
12500	-3.6668	-1.4857	5.6377	1.1604	11.212	3.3141	34.7347	3.32370
12600	-3.6346	-1.4482	5.6413	1.1620	11.287	3.3274	34.7441	3.33737
12700	-3.6030	-1.4115	5.6448	1.1636	11.362	3.3405	34.7514	3.35090
12800	-3.5720	-1.3755	5.6482	1.1653	11.437	3.3535	34.7564	3.36426
12900	-3.5417	-1.3401	5.6517	1.1668	11.511	3.3663	34.7596	3.37748
13000	-3.5120	-1.3054	5.6550	1.1686	11.586	3.3789	34.7604	3.39052
13100	-3.4829	-1.2714	5.6583	1.1701	11.659	3.3914	34.7591	3.40339
13200	-3.4544	-1.2381	5.6616	1.1718	11.733	3.4036	34.7561	3.41609
13300	-3.4265	-1.2053	5.6648	1.1736	11.808	3.4157	34.7504	3.42863
13400	-3.3992	-1.1732	5.6680	1.1753	11.881	3.4277	34.7432	3.44100
13500	-3.3724	-1.1417	5.6711	1.1770	11.955	3.4395	34.7343	3.45322
13600	-3.3461	-1.1108	5.6742	1.1787	12.028	3.4511	34.7232	3.46527
13700	-3.3204	-1.0805	5.6772	1.1806	12.102	3.4625	34.7100	3.47715
13800	-3.2953	-1.0507	5.6802	1.1825	12.175	3.4738	34.6953	3.48885
13900	-3.2706	-1.0216	5.6831	1.1796	12.224	3.4849	34.6783	3.50038

S/R= 89.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14000	-3.2456	-0.9922	5.6860	1.1862	12.320	3.4952	34.5662	3.51114
14100	-3.2229	-0.9649	5.6888	1.1935	12.422	3.5065	34.6393	3.52292
14200	-3.1997	-0.9374	5.6916	1.1901	12.467	3.5171	34.6168	3.53394
14300	-3.1771	-0.9104	5.6943	1.1919	12.539	3.5275	34.5929	3.54479
14400	-3.1549	-0.8839	5.6970	1.1940	12.612	3.5377	34.5671	3.55547
14500	-3.1332	-0.8580	5.6997	1.1964	12.686	3.5478	34.5401	3.56597
14600	-3.1119	-0.8325	5.7023	1.1983	12.758	3.5577	34.5110	3.57630
14700	-3.0911	-0.8076	5.7049	1.2003	12.830	3.5674	34.4804	3.58645
14800	-3.0707	-0.7831	5.7074	1.2025	12.902	3.5769	34.4482	3.59643
14900	-3.0508	-0.7591	5.7099	1.2048	12.975	3.5863	34.4139	3.60622
15000	-3.0313	-0.7356	5.7124	1.2061	13.042	3.5955	34.3786	3.61585

S/R= 90.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7200	-6.9050	-5.0981	5.3430	1.0954	7.080	2.4302	30.5937	2.43033
7300	-6.8043	-4.9878	5.3517	1.0959	7.160	2.4506	30.7896	2.45073
7400	-6.7057	-4.8798	5.3603	1.0968	7.242	2.4710	30.9818	2.47110
7500	-6.6092	-4.7739	5.3688	1.0978	7.324	2.4913	31.1697	2.49145
7600	-6.5148	-4.6702	5.3771	1.0987	7.406	2.5116	31.3525	2.51174
7700	-6.4225	-4.5687	5.3852	1.0997	7.487	2.5318	31.5310	2.53198
7800	-6.3322	-4.4694	5.3932	1.1007	7.569	2.5519	31.7042	2.55215
7900	-6.2439	-4.3722	5.4010	1.1017	7.651	2.5720	31.8725	2.57224
8000	-6.1576	-4.2770	5.4087	1.1027	7.733	2.5919	32.0364	2.59226
8100	-6.0732	-4.1840	5.4163	1.1038	7.814	2.6118	32.1951	2.61218
8200	-5.9907	-4.0928	5.4237	1.1049	7.896	2.6316	32.3497	2.63204
8300	-5.9100	-4.0036	5.4309	1.1059	7.978	2.6513	32.4988	2.65178
8400	-5.8311	-3.9163	5.4381	1.1070	8.059	2.6709	32.6436	2.67143
8500	-5.7540	-3.8309	5.4451	1.1081	8.140	2.6904	32.7837	2.69098
8600	-5.6786	-3.7473	5.4519	1.1092	8.222	2.7098	32.9191	2.71041
8700	-5.6049	-3.6655	5.4587	1.1103	8.303	2.7290	33.0504	2.72975
8800	-5.5328	-3.5854	5.4653	1.1115	8.384	2.7482	33.1769	2.74897
8900	-5.4623	-3.5070	5.4718	1.1127	8.465	2.7672	33.2990	2.76807
9000	-5.3934	-3.4303	5.4782	1.1139	8.546	2.7861	33.4171	2.78705
9100	-5.3259	-3.3551	5.4845	1.1150	8.627	2.8048	33.5307	2.80592
9200	-5.2600	-3.2816	5.4906	1.1161	8.707	2.8235	33.6403	2.82466
9300	-5.1955	-3.2095	5.4967	1.1174	8.788	2.8420	33.7461	2.84328
9400	-5.1324	-3.1390	5.5027	1.1186	8.868	2.8603	33.8474	2.86177
9500	-5.0707	-3.0700	5.5085	1.1198	8.949	2.8786	33.9449	2.88012
9600	-5.0103	-3.0023	5.5142	1.1210	9.029	2.8967	34.0388	2.89837
9700	-4.9513	-2.9361	5.5199	1.1223	9.109	2.9146	34.1289	2.91646
9800	-4.8935	-2.8712	5.5254	1.1235	9.189	2.9324	34.2151	2.93443
9900	-4.8370	-2.8077	5.5309	1.1247	9.268	2.9501	34.2976	2.95226
10000	-4.7816	-2.7454	5.5363	1.1261	9.348	2.9676	34.3768	2.96996
10100	-4.7275	-2.6844	5.5415	1.1273	9.427	2.9850	34.4523	2.98751
10200	-4.6745	-2.6246	5.5467	1.1285	9.506	3.0022	34.5241	3.00493
10300	-4.6227	-2.5661	5.5518	1.1299	9.586	3.0193	34.5930	3.02220
10400	-4.5719	-2.5087	5.5568	1.1312	9.665	3.0362	34.6587	3.03933
10500	-4.5223	-2.4525	5.5618	1.1325	9.743	3.0530	34.7208	3.05632
10600	-4.4736	-2.3974	5.5666	1.1337	9.822	3.0696	34.7799	3.07317
10700	-4.4260	-2.3434	5.5714	1.1351	9.901	3.0861	34.8354	3.08986
10800	-4.3794	-2.2904	5.5761	1.1366	9.979	3.1024	34.8886	3.10642
10900	-4.3338	-2.2386	5.5807	1.1379	10.057	3.1185	34.9382	3.12282
11000	-4.2892	-2.1878	5.5853	1.1392	10.135	3.1345	34.9848	3.13907
11100	-4.2454	-2.1379	5.5897	1.1406	10.213	3.1504	35.0288	3.15517

S/R= 90.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11200	-4.2026	-2.0890	5.5942	1.1420	10.291	3.1660	35.0699	3.17111
11300	-4.1607	-2.0412	5.5985	1.1434	10.368	3.1815	35.1078	3.18690
11400	-4.1197	-1.9942	5.6027	1.1448	10.445	3.1969	35.1431	3.20254
11500	-4.0795	-1.9481	5.6069	1.1463	10.523	3.2121	35.1757	3.21802
11600	-4.0402	-1.9030	5.6111	1.1477	10.599	3.2271	35.2058	3.23334
11700	-4.0016	-1.8588	5.6151	1.1492	10.677	3.2419	35.2327	3.24849
11800	-3.9639	-1.8154	5.6191	1.1507	10.753	3.2566	35.2572	3.26349
11900	-3.9270	-1.7729	5.6231	1.1522	10.830	3.2711	35.2795	3.27834
12000	-3.8908	-1.7311	5.6269	1.1537	10.906	3.2854	35.2991	3.29303
12100	-3.8553	-1.6903	5.6308	1.1554	10.983	3.2996	35.3160	3.30753
12200	-3.8207	-1.6502	5.6345	1.1570	11.059	3.3136	35.3306	3.32187
12300	-3.7867	-1.6108	5.6382	1.1583	11.134	3.3274	35.3425	3.33604
12400	-3.7535	-1.5723	5.6418	1.1599	11.210	3.3410	35.3524	3.35006
12500	-3.7209	-1.5345	5.6454	1.1616	11.286	3.3545	35.3600	3.36391
12600	-3.6890	-1.4974	5.6489	1.1632	11.361	3.3678	35.3647	3.37759
12700	-3.6578	-1.4611	5.6524	1.1648	11.436	3.3809	35.3680	3.39110
12800	-3.6272	-1.4255	5.6558	1.1665	11.511	3.3939	35.3678	3.40441
12900	-3.5973	-1.3905	5.6592	1.1683	11.587	3.4066	35.3665	3.41756
13000	-3.5680	-1.3563	5.6625	1.1702	11.663	3.4192	35.3625	3.43055
13100	-3.5393	-1.3227	5.6657	1.1717	11.736	3.4316	35.3563	3.44337
13200	-3.5112	-1.2898	5.6689	1.1734	11.811	3.4438	35.3482	3.45600
13300	-3.4838	-1.2575	5.6721	1.1754	11.886	3.4559	35.3377	3.46845
13400	-3.4569	-1.2259	5.6752	1.1772	11.960	3.4677	35.3253	3.48072
13500	-3.4305	-1.1948	5.6782	1.1791	12.035	3.4794	35.3108	3.49281
13600	-3.4048	-1.1644	5.6812	1.1809	12.108	3.4909	35.2943	3.50472
13700	-3.3795	-1.1346	5.6842	1.1828	12.182	3.5022	35.2759	3.51646
13800	-3.3548	-1.1054	5.6871	1.1848	12.256	3.5134	35.2555	3.52801
13900	-3.3307	-1.0768	5.6900	1.1817	12.304	3.5243	35.2330	3.53938
14000	-3.3061	-1.0478	5.6929	1.1888	12.403	3.5345	35.2159	3.54997
14100	-3.2840	-1.0212	5.6955	1.1966	12.508	3.5457	35.1824	3.56156
14200	-3.2614	-0.9942	5.6983	1.1931	12.552	3.5561	35.1541	3.57237
14300	-3.2393	-0.9678	5.7009	1.1951	12.624	3.5663	35.1242	3.58301
14400	-3.2176	-0.9419	5.7036	1.1972	12.698	3.5763	35.0923	3.59345
14500	-3.1964	-0.9166	5.7062	1.1997	12.772	3.5862	35.0588	3.60370
14600	-3.1757	-0.8917	5.7087	1.2018	12.845	3.5958	35.0232	3.61378
14700	-3.1555	-0.8674	5.7112	1.2041	12.918	3.6053	34.9865	3.62367
14800	-3.1357	-0.8435	5.7137	1.2065	12.991	3.6146	34.9478	3.63337
14900	-3.1164	-0.8202	5.7161	1.2088	13.064	3.6238	34.9073	3.64287
15000	-3.0974	-0.7973	5.7185	1.2101	13.131	3.6327	34.8652	3.65220

S/R= 91.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7200	-6.9647	-5.1530	5.3527	1.0949	7.117	2.4573	31.2850	2.45741
7300	-6.8628	-5.0415	5.3614	1.0954	7.199	2.4782	31.4857	2.47833
7400	-6.7633	-4.9324	5.3700	1.0963	7.281	2.4990	31.6809	2.49918
7500	-6.6659	-4.8256	5.3785	1.0973	7.364	2.5198	31.8713	2.51999
7600	-6.5706	-4.7210	5.3867	1.0982	7.447	2.5406	32.0572	2.54074
7700	-6.4775	-4.6188	5.3949	1.0993	7.529	2.5612	32.2377	2.56142
7800	-6.3865	-4.5186	5.4028	1.1003	7.612	2.5818	32.4133	2.58203
7900	-6.2976	-4.4208	5.4105	1.1013	7.695	2.6023	32.5832	2.60254
8000	-6.2107	-4.3250	5.4183	1.1024	7.777	2.6227	32.7489	2.62298
8100	-6.1259	-4.2314	5.4258	1.1035	7.860	2.6429	32.9084	2.64330
8200	-6.0428	-4.1397	5.4332	1.1046	7.942	2.6631	33.0635	2.66354
8300	-5.9616	-4.0500	5.4404	1.1056	8.024	2.6832	33.2138	2.68367

S/R= 91.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8400	-5.8823	-3.9623	5.4475	1.1067	8.106	2.7032	33.3588	2.70370
8500	-5.8848	-3.8765	5.4545	1.1079	8.189	2.7230	33.4997	2.72361
8600	-5.7291	-3.7926	5.4613	1.1091	8.271	2.7427	33.6352	2.74340
8700	-5.6551	-3.7105	5.4680	1.1102	8.353	2.7623	33.7661	2.76308
8800	-5.5327	-3.6301	5.4746	1.1114	8.435	2.7818	33.8925	2.78264
8900	-5.5120	-3.5515	5.4810	1.1126	8.517	2.8012	34.0140	2.80206
9000	-5.4429	-3.4745	5.4874	1.1137	8.598	2.8204	34.1316	2.82136
9100	-5.3753	-3.3991	5.4936	1.1148	8.679	2.8395	34.2448	2.84055
9200	-5.3092	-3.3255	5.4998	1.1161	8.761	2.8584	34.3534	2.85959
9300	-5.2446	-3.2533	5.5058	1.1173	8.842	2.8772	34.4579	2.87850
9400	-5.1814	-3.1826	5.5117	1.1186	8.923	2.8958	34.5584	2.89728
9500	-5.1196	-3.1135	5.5175	1.1198	9.004	2.9144	34.6546	2.91592
9600	-5.0592	-3.0458	5.5232	1.1210	9.085	2.9327	34.7470	2.93442
9700	-5.0011	-2.9795	5.5288	1.1223	9.166	2.9509	34.8355	2.95278
9800	-4.9423	-2.9146	5.5343	1.1236	9.246	2.9690	34.9200	2.97100
9900	-4.8858	-2.8511	5.5397	1.1248	9.326	2.9869	35.0008	2.98907
10000	-4.8305	-2.7888	5.5450	1.1262	9.407	3.0047	35.0781	3.00701
10100	-4.7764	-2.7279	5.5503	1.1274	9.486	3.0223	35.1515	3.02478
10200	-4.7234	-2.6682	5.5554	1.1287	9.566	3.0397	35.2217	3.04242
10300	-4.6717	-2.6097	5.5605	1.1301	9.646	3.0570	35.2878	3.05989
10400	-4.6210	-2.5524	5.5654	1.1314	9.726	3.0741	35.3514	3.07723
10500	-4.5715	-2.4963	5.5703	1.1327	9.805	3.0911	35.4109	3.09440
10600	-4.5230	-2.4413	5.5751	1.1341	9.884	3.1079	35.4672	3.11143
10700	-4.4755	-2.3875	5.5799	1.1355	9.963	3.1245	35.5201	3.12830
10800	-4.4291	-2.3347	5.5845	1.1369	10.043	3.1410	35.5704	3.14501
10900	-4.3836	-2.2830	5.5891	1.1383	10.121	3.1573	35.6174	3.16156
11000	-4.3392	-2.2324	5.5936	1.1396	10.199	3.1734	35.6607	3.17794
11100	-4.2956	-2.1827	5.5980	1.1411	10.278	3.1894	35.7015	3.19418
11200	-4.2530	-2.1341	5.6024	1.1426	10.357	3.2052	35.7391	3.21024
11300	-4.2114	-2.0865	5.6066	1.1439	10.434	3.2208	35.7738	3.22613
11400	-4.1706	-2.0398	5.6109	1.1455	10.512	3.2363	35.8055	3.24187
11500	-4.1306	-1.9940	5.6150	1.1469	10.590	3.2516	35.8348	3.25744
11600	-4.0916	-1.9491	5.6191	1.1484	10.667	3.2667	35.8609	3.27285
11700	-4.0533	-1.9052	5.6231	1.1500	10.745	3.2816	35.8841	3.28807
11800	-4.0159	-1.8621	5.6270	1.1516	10.823	3.2963	35.9049	3.30311
11900	-3.9793	-1.8199	5.6309	1.1530	10.899	3.3108	35.9229	3.31799
12000	-3.9434	-1.7785	5.6347	1.1546	10.976	3.3252	35.9384	3.33272
12100	-3.9083	-1.7380	5.6385	1.1563	11.054	3.3394	35.9510	3.34725
12200	-3.8740	-1.6983	5.6422	1.1579	11.130	3.3535	35.9614	3.36161
12300	-3.8404	-1.6593	5.6458	1.1595	11.206	3.3673	35.9688	3.37578
12400	-3.8075	-1.6212	5.6494	1.1612	11.283	3.3809	35.9738	3.38976
12500	-3.7753	-1.5838	5.6529	1.1629	11.359	3.3944	35.9767	3.40358
12600	-3.7438	-1.5472	5.6564	1.1646	11.435	3.4076	35.9769	3.41722
12700	-3.7130	-1.5112	5.6598	1.1663	11.511	3.4207	35.9749	3.43068
12800	-3.6829	-1.4761	5.6632	1.1680	11.586	3.4336	35.9704	3.44394
12900	-3.6534	-1.4416	5.6665	1.1699	11.662	3.4463	35.9638	3.45702
13000	-3.6246	-1.4078	5.6697	1.1719	11.739	3.4588	35.9541	3.46989
13100	-3.5964	-1.3748	5.6729	1.1736	11.813	3.4711	35.9425	3.48259
13200	-3.5688	-1.3423	5.6760	1.1754	11.888	3.4833	35.9290	3.49511
13300	-3.5417	-1.3106	5.6791	1.1775	11.964	3.4952	35.9132	3.50744
13400	-3.5153	-1.2795	5.6821	1.1794	12.039	3.5070	35.8949	3.51957
13500	-3.4895	-1.2490	5.6851	1.1814	12.114	3.5185	35.8748	3.53151
13600	-3.4643	-1.2191	5.6881	1.1833	12.188	3.5299	35.8525	3.54325
13700	-3.4396	-1.1899	5.6909	1.1854	12.263	3.5410	35.8279	3.55480
13800	-3.4154	-1.1612	5.6938	1.1875	12.338	3.5520	35.8010	3.56613

S/R= 91.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13900	-3.3919	-1.1332	5.6966	1.1843	12.384	3.5627	35.7724	3.57729
14000	-3.3678	-1.1048	5.6994	1.1918	12.486	3.5727	35.7494	3.58767
14100	-3.3462	-1.0788	5.7020	1.2001	12.593	3.5837	35.7091	3.59903
14200	-3.3242	-1.0525	5.7046	1.1964	12.636	3.5939	35.6746	3.60959
14300	-3.3027	-1.0267	5.7073	1.1986	12.709	3.6039	35.6380	3.61996
14400	-3.2816	-1.0015	5.7098	1.2009	12.783	3.6137	35.5997	3.63013
14500	-3.2611	-0.9768	5.7123	1.2037	12.859	3.6233	35.5592	3.64009
14600	-3.2410	-0.9526	5.7148	1.2061	12.933	3.6327	35.5171	3.64986
14700	-3.2214	-0.9289	5.7172	1.2084	13.007	3.6419	35.4732	3.65943
14800	-3.2022	-0.9057	5.7196	1.2110	13.081	3.6509	35.4273	3.66880
14900	-3.1835	-0.8830	5.7219	1.2135	13.154	3.6597	35.3800	3.67797
15000	-3.1653	-0.8608	5.7242	1.2147	13.221	3.6683	35.3303	3.68695

S/R= 92.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7300	-6.9193	-5.0931	5.3710	1.0953	7.239	2.5061	32.1892	2.50624
7400	-6.8188	-4.9831	5.3796	1.0959	7.321	2.5274	32.3877	2.52756
7500	-6.7207	-4.8755	5.3880	1.0969	7.405	2.5486	32.5803	2.54881
7600	-6.6246	-4.7701	5.3963	1.0978	7.488	2.5698	32.7686	2.57002
7700	-6.5319	-4.6671	5.4044	1.0989	7.571	2.5909	32.9509	2.59113
7800	-6.4392	-4.5663	5.4123	1.1000	7.655	2.6119	33.1279	2.61216
7900	-6.3498	-4.4679	5.4201	1.1010	7.738	2.6328	33.2996	2.63309
8000	-6.2623	-4.3715	5.4277	1.1020	7.822	2.6536	33.4659	2.65392
8100	-6.1769	-4.2774	5.4352	1.1032	7.905	2.6743	33.6268	2.67464
8200	-6.0935	-4.1853	5.4425	1.1043	7.988	2.6948	33.7826	2.69526
8300	-6.0119	-4.0952	5.4497	1.1054	8.071	2.7153	33.9332	2.71576
8400	-5.9323	-4.0071	5.4568	1.1065	8.154	2.7356	34.0787	2.73615
8500	-5.8545	-3.9210	5.4637	1.1077	8.237	2.7558	34.2189	2.75641
8600	-5.7785	-3.8367	5.4705	1.1089	8.320	2.7759	34.3545	2.77655
8700	-5.7043	-3.7544	5.4772	1.1100	8.402	2.7958	34.4851	2.79656
8800	-5.6317	-3.6738	5.4837	1.1112	8.485	2.8156	34.6110	2.81645
8900	-5.5608	-3.5949	5.4901	1.1125	8.568	2.8353	34.7318	2.83619
9000	-5.4915	-3.5178	5.4964	1.1136	8.650	2.8548	34.8485	2.85580
9100	-5.4237	-3.4423	5.5026	1.1148	8.732	2.8742	34.9607	2.87529
9200	-5.3576	-3.3685	5.5087	1.1161	8.814	2.8934	35.0684	2.89462
9300	-5.2929	-3.2963	5.5147	1.1173	8.896	2.9125	35.1714	2.91381
9400	-5.2296	-3.2255	5.5205	1.1186	8.978	2.9314	35.2705	2.93286
9500	-5.1678	-3.1564	5.5263	1.1199	9.059	2.9502	35.3652	2.95176
9600	-5.1074	-3.0886	5.5320	1.1210	9.141	2.9688	35.4559	2.97052
9700	-5.0483	-3.0224	5.5375	1.1224	9.222	2.9873	35.5428	2.98913
9800	-4.9905	-2.9575	5.5430	1.1237	9.303	3.0056	35.6252	3.00759
9900	-4.9340	-2.8940	5.5484	1.1249	9.384	3.0237	35.7041	3.02589
10000	-4.8787	-2.8318	5.5536	1.1263	9.465	3.0417	35.7789	3.04405
10100	-4.8247	-2.7709	5.5588	1.1276	9.546	3.0595	35.8504	3.06203
10200	-4.7719	-2.7113	5.5639	1.1289	9.626	3.0772	35.9180	3.07986
10300	-4.7203	-2.6530	5.5689	1.1303	9.706	3.0946	35.9816	3.09753
10400	-4.6697	-2.5958	5.5738	1.1317	9.787	3.1120	36.0421	3.11505
10500	-4.6203	-2.5399	5.5787	1.1331	9.867	3.1291	36.0991	3.13239
10600	-4.5720	-2.4851	5.5834	1.1345	9.946	3.1461	36.1523	3.14957
10700	-4.5247	-2.4314	5.5881	1.1358	10.026	3.1629	36.2025	3.16660
10800	-4.4784	-2.3788	5.5927	1.1373	10.106	3.1795	36.2493	3.18345
10900	-4.4332	-2.3273	5.5972	1.1389	10.186	3.1959	36.2928	3.20012
11000	-4.3890	-2.2769	5.6017	1.1402	10.264	3.2122	36.3331	3.21662
11100	-4.3457	-2.2275	5.6061	1.1416	10.343	3.2283	36.3703	3.23297



S/R= 92.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11200	-4.3033	-2.1792	5.6104	1.1431	10.422	3.2442	36.4044	3.24914
11300	-4.2619	-2.1318	5.6146	1.1446	10.500	3.2599	36.4353	3.26512
11400	-4.2214	-2.0854	5.6188	1.1463	10.579	3.2754	36.4631	3.28092
11500	-4.1818	-2.0400	5.6229	1.1477	10.657	3.2907	36.4885	3.29655
11600	-4.1430	-1.9954	5.6269	1.1492	10.735	3.3059	36.5105	3.31201
11700	-4.1051	-1.9518	5.6308	1.1509	10.814	3.3209	36.5297	3.32728
11800	-4.0680	-1.9091	5.6347	1.1525	10.891	3.3356	36.5461	3.34235
11900	-4.0318	-1.8673	5.6385	1.1540	10.969	3.3502	36.5596	3.35724
12000	-3.9963	-1.8263	5.5423	1.1557	11.046	3.3646	36.5703	3.37195
12100	-3.9616	-1.7862	5.6460	1.1575	11.124	3.3788	36.5785	3.38648
12200	-3.9276	-1.7469	5.6497	1.1592	11.201	3.3928	36.5839	3.40082
12300	-3.8944	-1.7084	5.6532	1.1608	11.278	3.4066	36.5864	3.41496
12400	-3.8620	-1.6707	5.6567	1.1626	11.355	3.4202	36.5867	3.42891
12500	-3.8303	-1.6337	5.6602	1.1644	11.432	3.4336	36.5839	3.44264
12600	-3.7993	-1.5976	5.6636	1.1662	11.508	3.4468	36.5789	3.45619
12700	-3.7689	-1.5622	5.6669	1.1679	11.584	3.4599	36.5715	3.46957
12800	-3.7392	-1.5275	5.6702	1.1697	11.660	3.4727	36.5615	3.48273
12900	-3.7102	-1.4935	5.6735	1.1718	11.737	3.4853	36.5490	3.49570
13000	-3.6819	-1.4603	5.6766	1.1739	11.814	3.4977	36.5340	3.50846
13100	-3.6542	-1.4278	5.6798	1.1756	11.889	3.5099	36.5166	3.52100
13200	-3.6271	-1.3959	5.6828	1.1777	11.965	3.5219	36.4967	3.53335
13300	-3.6007	-1.3647	5.6858	1.1799	12.042	3.5336	36.4748	3.54549
13400	-3.5748	-1.3342	5.6888	1.1819	12.117	3.5452	36.4504	3.55744
13500	-3.5495	-1.3043	5.6917	1.1839	12.192	3.5566	36.4239	3.56918
13600	-3.5248	-1.2751	5.6946	1.1860	12.267	3.5678	36.3951	3.58071
13700	-3.5008	-1.2465	5.6974	1.1884	12.344	3.5787	36.3641	3.59203
13800	-3.4772	-1.2184	5.7002	1.1907	12.419	3.5895	36.3309	3.60313
13900	-3.4542	-1.1911	5.7029	1.1872	12.464	3.6000	36.2952	3.61402
14000	-3.4318	-1.1633	5.7056	1.1955	12.570	3.6098	36.2659	3.62413
14100	-3.4099	-1.1381	5.7081	1.2042	12.679	3.6205	36.2182	3.63519
14200	-3.3885	-1.1124	5.7107	1.2002	12.720	3.6304	36.1763	3.64545
14300	-3.3676	-1.0873	5.7132	1.2026	12.794	3.6401	36.1326	3.65551
14400	-3.3472	-1.0628	5.7157	1.2051	12.869	3.6496	36.0869	3.66536
14500	-3.3273	-1.0388	5.7181	1.2082	12.947	3.6589	36.0394	3.67498
14600	-3.3080	-1.0153	5.7205	1.2108	13.022	3.6680	35.9899	3.68439
14700	-3.2890	-0.9924	5.7229	1.2134	13.096	3.6769	35.9385	3.69360
14800	-3.2705	-0.9699	5.7252	1.2162	13.171	3.6855	35.8851	3.70259
14900	-3.2525	-0.9480	5.7274	1.2191	13.246	3.6940	35.8300	3.71137
15000	-3.2350	-0.9265	5.7296	1.2205	13.313	3.7023	35.7731	3.71995

S/R= 93.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7300	-6.9741	-5.1430	5.3805	1.0949	7.278	2.5343	32.8998	2.53443
7400	-6.8727	-5.0320	5.3891	1.0955	7.361	2.5561	33.1015	2.55623
7500	-6.7738	-4.9236	5.3975	1.0965	7.445	2.5777	33.2961	2.57792
7600	-6.6771	-4.8176	5.4057	1.0975	7.530	2.5994	33.4857	2.59955
7700	-6.5827	-4.7139	5.4137	1.0986	7.614	2.6209	33.6702	2.62109
7800	-6.4905	-4.6126	5.4216	1.0997	7.698	2.6423	33.8482	2.64252
7900	-6.4005	-4.5135	5.4294	1.1007	7.782	2.6636	34.0213	2.66386
8000	-6.3126	-4.4168	5.4370	1.1018	7.866	2.6847	34.1883	2.68507
8100	-6.2268	-4.3221	5.4444	1.1030	7.951	2.7058	34.3496	2.70617
8200	-6.1430	-4.2297	5.4517	1.1041	8.035	2.7267	34.5056	2.72716
8300	-6.0611	-4.1392	5.4589	1.1052	8.118	2.7475	34.6562	2.74802
8400	-5.9812	-4.0508	5.4659	1.1063	8.202	2.7682	34.8017	2.76876

S/R= 93.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8500	-5.9031	-3.9644	5.4728	1.1076	8.286	2.7888	34.9415	2.78936
8600	-5.8269	-3.8799	5.4795	1.1087	8.369	2.8092	35.0769	2.80984
8700	-5.7524	-3.7973	5.4861	1.1099	8.452	2.8294	35.2069	2.83017
8800	-5.6797	-3.7166	5.4927	1.1111	8.536	2.8495	35.3318	2.85037
8900	-5.6086	-3.6376	5.4990	1.1124	8.619	2.8695	35.4521	2.87042
9000	-5.5392	-3.5603	5.5053	1.1136	8.702	2.8893	35.5674	2.89032
9100	-5.4714	-3.4847	5.5114	1.1148	8.785	2.9090	35.6782	2.91010
9200	-5.4051	-3.4108	5.5175	1.1160	8.867	2.9285	35.7845	2.92971
9300	-5.3404	-3.3386	5.5234	1.1173	8.950	2.9479	35.8860	2.94917
9400	-5.2771	-3.2678	5.5292	1.1186	9.032	2.9670	35.9834	2.96849
9500	-5.2153	-3.1986	5.5349	1.1199	9.115	2.9861	36.0764	2.98764
9600	-5.1549	-3.1309	5.5406	1.1211	9.196	3.0049	36.1652	3.00664
9700	-5.0958	-3.0647	5.5461	1.1225	9.278	3.0236	36.2496	3.02548
9800	-5.0381	-2.9999	5.5515	1.1239	9.360	3.0422	36.3301	3.04416
9900	-4.9817	-2.9364	5.5568	1.1252	9.442	3.0605	36.4068	3.06267
10000	-4.9266	-2.8743	5.5620	1.1265	9.523	3.0787	36.4792	3.08103
10100	-4.8727	-2.8136	5.5672	1.1278	9.604	3.0967	36.5476	3.09921
10200	-4.8200	-2.7541	5.5722	1.1292	9.685	3.1145	36.6125	3.11722
10300	-4.7685	-2.6960	5.5772	1.1306	9.766	3.1322	36.6729	3.13506
10400	-4.7181	-2.6390	5.5821	1.1320	9.847	3.1497	36.7311	3.15275
10500	-4.6689	-2.5832	5.5869	1.1334	9.928	3.1670	36.7848	3.17025
10600	-4.6208	-2.5286	5.5916	1.1349	10.008	3.1841	36.8348	3.18757
10700	-4.5737	-2.4752	5.5962	1.1363	10.088	3.2010	36.8816	3.20472
10800	-4.5277	-2.4228	5.6007	1.1378	10.168	3.2178	36.9250	3.22169
10900	-4.4827	-2.3716	5.6052	1.1393	10.249	3.2343	36.9651	3.23848
11000	-4.4387	-2.3215	5.6096	1.1407	10.328	3.2507	37.0013	3.25507
11100	-4.3957	-2.2724	5.6139	1.1423	10.407	3.2669	37.0346	3.27150
11200	-4.3537	-2.2244	5.6182	1.1438	10.487	3.2828	37.0647	3.28774
11300	-4.3126	-2.1773	5.6224	1.1453	10.566	3.2986	37.0918	3.30379
11400	-4.2724	-2.1313	5.6265	1.1470	10.645	3.3142	37.1154	3.31965
11500	-4.2331	-2.0862	5.6305	1.1485	10.724	3.3296	37.1358	3.33530
11600	-4.1947	-2.0421	5.6345	1.1502	10.802	3.3448	37.1534	3.35076
11700	-4.1572	-1.9988	5.6384	1.1519	10.882	3.3598	37.1682	3.36605
11800	-4.1205	-1.9565	5.6422	1.1535	10.960	3.3745	37.1797	3.38114
11900	-4.0846	-1.9151	5.6460	1.1551	11.037	3.3891	37.1885	3.39601
12000	-4.0495	-1.8746	5.6497	1.1570	11.116	3.4035	37.1941	3.41070
12100	-4.0153	-1.8349	5.6533	1.1588	11.194	3.4176	37.1970	3.42516
12200	-3.9818	-1.7961	5.6569	1.1605	11.272	3.4316	37.1970	3.43944
12300	-3.9491	-1.7581	5.6604	1.1623	11.349	3.4454	37.1945	3.45352
12400	-3.9171	-1.7209	5.6638	1.1641	11.426	3.4589	37.1891	3.46738
12500	-3.8858	-1.6845	5.6672	1.1660	11.504	3.4722	37.1808	3.48103
12600	-3.8553	-1.6488	5.6706	1.1680	11.582	3.4853	37.1703	3.49447
12700	-3.8255	-1.6140	5.6738	1.1699	11.658	3.4982	37.1564	3.50769
12800	-3.7964	-1.5799	5.6771	1.1717	11.735	3.5109	37.1402	3.52070
12900	-3.7679	-1.5465	5.6802	1.1739	11.812	3.5234	37.1218	3.53351
13000	-3.7401	-1.5138	5.6833	1.1761	11.890	3.5357	37.1005	3.54610
13100	-3.7130	-1.4819	5.6864	1.1780	11.965	3.5477	37.0767	3.55847
13200	-3.6865	-1.4507	5.6894	1.1802	12.042	3.5595	37.0504	3.57062
13300	-3.6606	-1.4201	5.6923	1.1826	12.120	3.5711	37.0216	3.58254
13400	-3.6354	-1.3903	5.6952	1.1847	12.195	3.5824	36.9907	3.59424
13500	-3.6108	-1.3611	5.6980	1.1870	12.271	3.5936	36.9565	3.60572
13600	-3.5867	-1.3325	5.7008	1.1893	12.347	3.6045	36.9211	3.61699
13700	-3.5633	-1.3046	5.7035	1.1918	12.424	3.6152	36.8827	3.62803
13800	-3.5404	-1.2773	5.7062	1.1941	12.500	3.6257	36.8420	3.63885
13900	-3.5181	-1.2506	5.7089	1.1905	12.544	3.6360	36.7994	3.64943

S/R= 93.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14000	-3.4952	-1.2235	5.7115	1.1995	12.653	3.6454	36.7630	3.65922
14100	-3.4751	-1.1990	5.7140	1.2090	12.766	3.6558	36.7074	3.66993
14200	-3.4544	-1.1741	5.7165	1.2047	12.805	3.6654	36.6578	3.67984
14300	-3.4342	-1.1498	5.7189	1.2073	12.881	3.6748	36.6063	3.68953
14400	-3.4146	-1.1260	5.7213	1.2101	12.956	3.6840	36.5530	3.69900
14500	-3.3954	-1.1028	5.7235	1.2133	13.035	3.6929	36.4973	3.70824
14600	-3.3767	-1.0801	5.7259	1.2164	13.111	3.7016	36.4399	3.71725
14700	-3.3585	-1.0580	5.7282	1.2192	13.187	3.7101	36.3803	3.72603
14800	-3.3408	-1.0363	5.7304	1.2222	13.262	3.7184	36.3191	3.73460
14900	-3.3235	-1.0152	5.7326	1.2255	13.339	3.7265	36.2557	3.74294
15000	-3.3067	-0.9945	5.7347	1.2272	13.407	3.7343	36.1905	3.75106

S/R= 94.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7400	-6.9249	-5.0794	5.3984	1.0957	7.403	2.5850	33.8215	2.58514
7500	-6.8253	-4.9703	5.4068	1.0962	7.487	2.6071	34.0178	2.60726
7600	-6.7281	-4.8636	5.4150	1.0972	7.572	2.6291	34.2088	2.62930
7700	-6.6331	-4.7594	5.4230	1.0983	7.657	2.6510	34.3940	2.65125
7800	-6.5404	-4.6575	5.4308	1.0994	7.742	2.6728	34.5734	2.67308
7900	-6.4500	-4.5580	5.4385	1.1005	7.827	2.6945	34.7469	2.69480
8000	-6.3617	-4.4608	5.4461	1.1016	7.912	2.7161	34.9144	2.71641
8100	-6.2755	-4.3658	5.4535	1.1028	7.997	2.7375	35.0758	2.73787
8200	-6.1913	-4.2729	5.4608	1.1039	8.081	2.7588	35.2321	2.75922
8300	-6.1092	-4.1823	5.4679	1.1050	8.165	2.7799	35.3825	2.78042
8400	-6.0290	-4.0936	5.4749	1.1062	8.250	2.8010	35.5280	2.80151
8500	-5.9507	-4.0069	5.4817	1.1075	8.334	2.8218	35.6672	2.82244
8600	-5.8743	-3.9223	5.4884	1.1086	8.418	2.8426	35.8014	2.84324
8700	-5.7997	-3.8395	5.4950	1.1098	8.502	2.8631	35.9309	2.86389
8800	-5.7268	-3.7586	5.5014	1.1111	8.586	2.8835	36.0545	2.88438
8900	-5.6557	-3.6795	5.5079	1.1124	8.671	2.9038	36.1735	2.90473
9000	-5.5862	-3.6021	5.5140	1.1136	8.754	2.9239	36.2878	2.92492
9100	-5.5183	-3.5265	5.5201	1.1148	8.837	2.9439	36.3970	2.94497
9200	-5.4520	-3.4526	5.5261	1.1161	8.920	2.9636	36.5014	2.96484
9300	-5.3873	-3.3803	5.5320	1.1174	9.004	2.9832	36.6013	2.98456
9400	-5.3240	-3.3095	5.5378	1.1187	9.087	3.0027	36.6967	3.00412
9500	-5.2623	-3.2404	5.5434	1.1201	9.170	3.0219	36.7874	3.02351
9600	-5.2019	-3.1727	5.5490	1.1213	9.252	3.0410	36.8740	3.04274
9700	-5.1429	-3.1066	5.5545	1.1226	9.335	3.0600	36.9561	3.06179
9800	-5.0853	-3.0419	5.5598	1.1241	9.417	3.0787	37.0339	3.08068
9900	-5.0290	-2.9786	5.5651	1.1254	9.499	3.0972	37.1079	3.09939
10000	-4.9740	-2.9166	5.5703	1.1267	9.581	3.1156	37.1775	3.11794
10100	-4.9203	-2.8561	5.5754	1.1281	9.663	3.1338	37.2434	3.13630
10200	-4.8678	-2.7967	5.5804	1.1295	9.745	3.1518	37.3051	3.15448
10300	-4.8165	-2.7388	5.5853	1.1310	9.826	3.1696	37.3628	3.17247
10400	-4.7663	-2.6820	5.5901	1.1324	9.907	3.1873	37.4171	3.19030
10500	-4.7173	-2.6265	5.5948	1.1338	9.988	3.2047	37.4675	3.20793
10600	-4.6694	-2.5721	5.5995	1.1354	10.070	3.2219	37.5135	3.22537
10700	-4.6226	-2.5190	5.6041	1.1369	10.150	3.2390	37.5570	3.24263
10800	-4.5769	-2.4669	5.6086	1.1383	10.231	3.2558	37.5965	3.25969
10900	-4.5322	-2.4160	5.6130	1.1399	10.312	3.2725	37.6324	3.27657
11000	-4.4885	-2.3662	5.6173	1.1414	10.392	3.2889	37.6647	3.29324
11100	-4.4459	-2.3175	5.6216	1.1431	10.472	3.3051	37.6940	3.30973
11200	-4.4042	-2.2698	5.6258	1.1445	10.551	3.3212	37.7195	3.32600
11300	-4.3634	-2.2231	5.6299	1.1461	10.631	3.3370	37.7418	3.34208

S/R= 94.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11400	-4.3236	-2.1775	5.6339	1.1479	10.711	3.3526	37.7607	3.35797
11500	-4.2847	-2.1328	5.6379	1.1495	10.790	3.3680	37.7769	3.37364
11600	-4.2467	-2.0891	5.6418	1.1512	10.869	3.3832	37.7892	3.38910
11700	-4.2096	-2.0463	5.6457	1.1531	10.949	3.3982	37.7986	3.40434
11800	-4.1734	-2.0045	5.6494	1.1548	11.028	3.4129	37.8051	3.41939
11900	-4.1379	-1.9636	5.6531	1.1565	11.106	3.4275	37.8085	3.43422
12000	-4.1033	-1.9235	5.6568	1.1583	11.185	3.4418	37.8086	3.44886
12100	-4.0695	-1.8843	5.6603	1.1602	11.263	3.4559	37.8060	3.46324
12200	-4.0366	-1.8460	5.6639	1.1621	11.342	3.4698	37.8001	3.47742
12300	-4.0044	-1.8086	5.6673	1.1640	11.420	3.4834	37.7914	3.49136
12400	-3.9729	-1.7720	5.6707	1.1658	11.498	3.4969	37.7799	3.50511
12500	-3.9422	-1.7361	5.6740	1.1679	11.576	3.5101	37.7657	3.51862
12600	-3.9122	-1.7011	5.6773	1.1700	11.654	3.5230	37.7487	3.53191
12700	-3.8830	-1.6668	5.6805	1.1721	11.732	3.5358	37.7283	3.54497
12800	-3.8545	-1.6334	5.6836	1.1742	11.809	3.5483	37.7054	3.55779
12900	-3.8266	-1.6006	5.6867	1.1764	11.887	3.5606	37.6801	3.57038
13000	-3.7994	-1.5687	5.6897	1.1787	11.965	3.5726	37.6519	3.58274
13100	-3.7730	-1.5374	5.6927	1.1808	12.041	3.5845	37.6210	3.59487
13200	-3.7471	-1.5069	5.6956	1.1831	12.119	3.5960	37.5876	3.60677
13300	-3.7219	-1.4770	5.6985	1.1857	12.197	3.6074	37.5515	3.61843
13400	-3.6974	-1.4479	5.7013	1.1881	12.274	3.6185	37.5133	3.62986
13500	-3.6734	-1.4194	5.7040	1.1905	12.350	3.6294	37.4720	3.64103
13600	-3.6501	-1.3916	5.7067	1.1930	12.427	3.6400	37.4284	3.65198
13700	-3.6273	-1.3644	5.7094	1.1959	12.506	3.6504	37.3823	3.66268
13800	-3.6052	-1.3379	5.7120	1.1984	12.582	3.6606	37.3337	3.67315
13900	-3.5836	-1.3120	5.7145	1.1943	12.623	3.6705	37.2830	3.68338
14000	-3.5614	-1.2856	5.7171	1.2041	12.736	3.6797	37.2390	3.69281
14100	-3.5421	-1.2620	5.7195	1.2145	12.854	3.6897	37.1746	3.70311
14200	-3.5222	-1.2379	5.7219	1.2099	12.891	3.6989	37.1169	3.71262
14300	-3.5028	-1.2145	5.7242	1.2128	12.968	3.7079	37.0569	3.72188
14400	-3.4839	-1.1915	5.7265	1.2159	13.045	3.7167	36.9951	3.73091
14500	-3.4655	-1.1691	5.7288	1.2194	13.124	3.7252	36.9310	3.73970
14600	-3.4476	-1.1473	5.7310	1.2228	13.202	3.7335	36.8651	3.74826
14700	-3.4302	-1.1260	5.7331	1.2258	13.278	3.7416	36.7969	3.75658
14800	-3.4132	-1.1052	5.7353	1.2291	13.355	3.7494	36.7272	3.76468
14900	-3.3968	-1.0849	5.7373	1.2330	13.435	3.7570	36.6554	3.77255
15000	-3.3808	-1.0651	5.7394	1.2350	13.504	3.7644	36.5816	3.78017

S/R= 95.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7400	-6.9757	-5.1253	5.4076	1.0953	7.444	2.6141	34.5462	2.61426
7500	-6.8755	-5.0155	5.4160	1.0958	7.528	2.6366	34.7450	2.63682
7600	-6.7777	-4.9083	5.4241	1.0970	7.614	2.6591	34.9368	2.65926
7700	-6.6823	-4.8036	5.4321	1.0981	7.700	2.6814	35.1226	2.68161
7800	-6.5891	-4.7012	5.4399	1.0992	7.786	2.7036	35.3029	2.70383
7900	-6.4983	-4.6014	5.4475	1.1003	7.871	2.7256	35.4764	2.72592
8000	-6.4096	-4.5037	5.4551	1.1014	7.957	2.7476	35.6444	2.74790
8100	-6.3231	-4.4084	5.4624	1.1027	8.042	2.7693	35.8059	2.76971
8200	-6.2387	-4.3153	5.4697	1.1038	8.128	2.7910	35.9617	2.79142
8300	-6.1563	-4.2243	5.4767	1.1049	8.213	2.8125	36.1118	2.81296
8400	-6.0759	-4.1354	5.4837	1.1061	8.298	2.8338	36.2563	2.83437
8500	-5.9975	-4.0486	5.4905	1.1074	8.383	2.8550	36.3951	2.85562
8600	-5.9209	-3.9638	5.4971	1.1086	8.468	2.8760	36.5281	2.87673
8700	-5.8462	-3.8809	5.5037	1.1097	8.552	2.8969	36.6562	2.89767

S/R= 95.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8800	-5.7732	-3.7999	5.5101	1.1111	8.637	2.9176	36.7789	2.91846
8900	-5.7020	-3.7207	5.5164	1.1124	8.722	2.9382	36.8963	2.93909
9000	-5.6325	-3.6433	5.5225	1.1136	8.806	2.9586	37.0086	2.95955
9100	-5.5646	-3.5677	5.5286	1.1149	8.890	2.9788	37.1162	2.97987
9200	-5.4983	-3.4938	5.5345	1.1162	8.974	2.9988	37.2186	2.99999
9300	-5.4336	-3.4215	5.5404	1.1174	9.057	3.0186	37.3166	3.01996
9400	-5.3704	-3.3508	5.5461	1.1189	9.141	3.0383	37.4093	3.03975
9500	-5.3087	-3.2818	5.5517	1.1202	9.225	3.0578	37.4980	3.05936
9600	-5.2485	-3.2142	5.5573	1.1215	9.308	3.0771	37.5821	3.07880
9700	-5.1896	-3.1482	5.5627	1.1229	9.391	3.0962	37.6616	3.09805
9800	-5.1322	-3.0836	5.5680	1.1242	9.474	3.1152	37.7365	3.11714
9900	-5.0760	-3.0205	5.5732	1.1257	9.557	3.1339	37.8073	3.13603
10000	-5.0212	-2.9587	5.5783	1.1271	9.639	3.1524	37.8740	3.15474
10100	-4.9677	-2.8983	5.5834	1.1284	9.721	3.1708	37.9362	3.17325
10200	-4.9153	-2.8392	5.5883	1.1299	9.803	3.1889	37.9948	3.19159
10300	-4.8643	-2.7815	5.5932	1.1314	9.886	3.2069	38.0492	3.20972
10400	-4.8144	-2.7250	5.5980	1.1329	9.967	3.2246	38.0995	3.22766
10500	-4.7657	-2.6698	5.6026	1.1344	10.049	3.2422	38.1463	3.24539
10600	-4.7180	-2.6157	5.6072	1.1360	10.131	3.2595	38.1888	3.26294
10700	-4.6715	-2.5629	5.6118	1.1375	10.212	3.2767	38.2278	3.28029
10800	-4.6261	-2.5112	5.6162	1.1390	10.293	3.2936	38.2628	3.29742
10900	-4.5818	-2.4606	5.6206	1.1407	10.374	3.3103	38.2943	3.31434
11000	-4.5385	-2.4112	5.6248	1.1422	10.455	3.3268	38.3221	3.33107
11100	-4.4962	-2.3628	5.6291	1.1438	10.535	3.3431	38.3469	3.34760
11200	-4.4549	-2.3156	5.6332	1.1455	10.616	3.3591	38.3676	3.36389
11300	-4.4146	-2.2694	5.6372	1.1472	10.696	3.3749	38.3847	3.37996
11400	-4.3752	-2.2241	5.6412	1.1490	10.777	3.3906	38.3985	3.39583
11500	-4.3367	-2.1799	5.6451	1.1506	10.856	3.4060	38.4092	3.41149
11600	-4.2992	-2.1367	5.6490	1.1523	10.936	3.4211	38.4165	3.42691
11700	-4.2625	-2.0944	5.6528	1.1543	11.016	3.4361	38.4205	3.44211
11800	-4.2268	-2.0531	5.6564	1.1562	11.096	3.4507	38.4203	3.45706
11900	-4.1919	-2.0127	5.6601	1.1580	11.174	3.4652	38.4181	3.47179
12000	-4.1578	-1.9732	5.6637	1.1598	11.253	3.4795	38.4123	3.48633
12100	-4.1245	-1.9346	5.6672	1.1618	11.333	3.4935	38.4035	3.50061
12200	-4.0921	-1.8969	5.6706	1.1640	11.412	3.5072	38.3913	3.51466
12300	-4.0605	-1.8601	5.6740	1.1660	11.491	3.5207	38.3759	3.52846
12400	-4.0296	-1.8241	5.6773	1.1679	11.569	3.5340	38.3577	3.54202
12500	-3.9996	-1.7889	5.6805	1.1701	11.648	3.5470	38.3366	3.55533
12600	-3.9702	-1.7546	5.6837	1.1723	11.726	3.5598	38.3125	3.56842
12700	-3.9416	-1.7210	5.6868	1.1746	11.805	3.5724	38.2852	3.58127
12800	-3.9137	-1.6882	5.6899	1.1769	11.883	3.5847	38.2552	3.59386
12900	-3.8865	-1.6562	5.6929	1.1792	11.961	3.5967	38.2228	3.60620
13000	-3.8600	-1.6249	5.6959	1.1817	12.040	3.6085	38.1867	3.61829
13100	-3.8343	-1.5944	5.6987	1.1840	12.117	3.6201	38.1481	3.63012
13200	-3.8091	-1.5646	5.7016	1.1865	12.196	3.6314	38.1068	3.64171
13300	-3.7847	-1.5356	5.7044	1.1892	12.274	3.6424	38.0628	3.65305
13400	-3.7609	-1.5072	5.7071	1.1918	12.352	3.6533	38.0161	3.66414
13500	-3.7376	-1.4795	5.7097	1.1945	12.430	3.6638	37.9667	3.67496
13600	-3.7151	-1.4525	5.7124	1.1973	12.508	3.6741	37.9151	3.68554
13700	-3.6931	-1.4262	5.7149	1.2004	12.587	3.6842	37.8605	3.69586
13800	-3.6717	-1.4005	5.7174	1.2033	12.665	3.6939	37.8036	3.70592
13900	-3.6510	-1.3755	5.7199	1.1989	12.704	3.7035	37.7439	3.71572
14000	-3.6295	-1.3499	5.7224	1.2094	12.821	3.7122	37.6919	3.72474
14100	-3.6111	-1.3272	5.7246	1.2210	12.944	3.7218	37.6182	3.73459
14200	-3.5919	-1.3040	5.7269	1.2159	12.978	3.7307	37.5515	3.74364

S/R= 95.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14300	-3.5734	-1.2814	5.7292	1.2192	13.057	3.7392	37.4828	3.75243
14400	-3.5553	-1.2593	5.7314	1.2227	13.135	3.7475	37.4122	3.76098
14500	-3.5378	-1.2379	5.7335	1.2266	13.216	3.7556	37.3387	3.76927
14600	-3.5207	-1.2170	5.7356	1.2301	13.294	3.7634	37.2635	3.77732
14700	-3.5042	-1.1965	5.7377	1.2335	13.372	3.7710	37.1864	3.78512
14800	-3.4881	-1.1767	5.7397	1.2374	13.452	3.7783	37.1074	3.79269
14900	-3.4725	-1.1573	5.7417	1.2416	13.532	3.7855	37.0265	3.80001
15000	-3.4573	-1.1384	5.7436	1.2436	13.601	3.7924	36.9439	3.80710

S/R= 96.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7500	-6.9243	-5.0595	5.4250	1.0961	7.571	2.6664	35.4765	2.66657
7600	-6.8260	-4.9518	5.4331	1.0967	7.656	2.6892	35.6692	2.68941
7700	-6.7303	-4.8466	5.4410	1.0979	7.743	2.7119	35.8554	2.71213
7800	-6.6367	-4.7439	5.4488	1.0990	7.829	2.7345	36.0361	2.73473
7900	-6.5455	-4.6436	5.4565	1.1001	7.915	2.7569	36.2099	2.75720
8000	-6.4565	-4.5457	5.4639	1.1013	8.002	2.7792	36.3771	2.77952
8100	-6.3698	-4.4501	5.4712	1.1025	8.088	2.8013	36.5385	2.80169
8200	-6.2852	-4.3567	5.4784	1.1036	8.174	2.8233	36.6936	2.82373
8300	-6.2026	-4.2655	5.4854	1.1048	8.260	2.8451	36.8434	2.84560
8400	-6.1220	-4.1765	5.4923	1.1061	8.346	2.8668	36.9867	2.86733
8500	-6.0434	-4.0895	5.4991	1.1074	8.432	2.8883	37.1244	2.88888
8600	-5.9668	-4.0046	5.5057	1.1086	8.517	2.9096	37.2565	2.91029
8700	-5.8920	-3.9216	5.5122	1.1097	8.602	2.9308	37.3827	2.93152
8800	-5.8189	-3.8405	5.5186	1.1111	8.687	2.9518	37.5039	2.95259
8900	-5.7477	-3.7614	5.5248	1.1124	8.773	2.9726	37.6195	2.97348
9000	-5.6782	-3.6840	5.5309	1.1137	8.857	2.9932	37.7300	2.99421
9100	-5.6103	-3.6083	5.5369	1.1150	8.942	3.0137	37.8355	3.01477
9200	-5.5441	-3.5345	5.5428	1.1163	9.027	3.0339	37.9356	3.03514
9300	-5.4795	-3.4623	5.5486	1.1176	9.111	3.0540	38.0312	3.05533
9400	-5.4164	-3.3917	5.5543	1.1190	9.195	3.0739	38.1219	3.07534
9500	-5.3548	-3.3228	5.5599	1.1204	9.279	3.0936	38.2073	3.09515
9600	-5.2947	-3.2554	5.5653	1.1217	9.363	3.1131	38.2887	3.11479
9700	-5.2360	-3.1895	5.5707	1.1231	9.447	3.1324	38.3649	3.13423
9800	-5.1787	-3.1251	5.5760	1.1246	9.530	3.1515	38.4370	3.15348
9900	-5.1228	-3.0622	5.5811	1.1259	9.613	3.1704	38.5045	3.17254
10000	-5.0682	-3.0006	5.5862	1.1274	9.696	3.1891	38.5676	3.19141
10100	-5.0149	-2.9405	5.5912	1.1289	9.779	3.2076	38.6265	3.21005
10200	-4.9628	-2.8817	5.5961	1.1304	9.862	3.2259	38.6810	3.22851
10300	-4.9120	-2.8243	5.6009	1.1319	9.945	3.2440	38.7315	3.24675
10400	-4.8624	-2.7681	5.6056	1.1334	10.027	3.2618	38.7778	3.26480
10500	-4.8140	-2.7132	5.6103	1.1350	10.109	3.2794	38.8204	3.28261
10600	-4.7667	-2.6595	5.6148	1.1366	10.192	3.2969	38.8580	3.30022
10700	-4.7206	-2.6070	5.6193	1.1381	10.273	3.3141	38.8931	3.31764
10800	-4.6755	-2.5557	5.6236	1.1397	10.355	3.3310	38.9235	3.33483
10900	-4.6316	-2.5055	5.6279	1.1416	10.437	3.3478	38.9500	3.35178
11000	-4.5887	-2.4566	5.6322	1.1431	10.518	3.3643	38.9729	3.36850
11100	-4.5468	-2.4086	5.6363	1.1447	10.598	3.3806	38.9922	3.38504
11200	-4.5059	-2.3618	5.6404	1.1465	10.679	3.3967	39.0079	3.40133
11300	-4.4661	-2.3161	5.6444	1.1483	10.761	3.4125	39.0197	3.41738
11400	-4.4272	-2.2714	5.6483	1.1502	10.842	3.4280	39.0278	3.43319
11500	-4.3892	-2.2277	5.6521	1.1519	10.921	3.4434	39.0325	3.44877
11600	-4.3522	-2.1850	5.6559	1.1537	11.002	3.4585	39.0338	3.46412
11700	-4.3161	-2.1433	5.6596	1.1557	11.082	3.4733	39.0315	3.47924

S/R= 96.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11800	-4.2809	-2.1026	5.6632	1.1578	11.163	3.4879	39.0258	3.49410
11900	-4.2465	-2.0628	5.6668	1.1598	11.243	3.5023	39.0161	3.50869
12000	-4.2130	-2.0239	5.6703	1.1617	11.322	3.5164	39.0041	3.52306
12100	-4.1804	-1.9860	5.6737	1.1637	11.401	3.5302	38.9884	3.53717
12200	-4.1486	-1.9489	5.6771	1.1660	11.481	3.5438	38.9693	3.55105
12300	-4.1176	-1.9127	5.6804	1.1682	11.561	3.5572	38.9470	3.56466
12400	-4.0874	-1.8774	5.6836	1.1703	11.640	3.5703	38.9216	3.57801
12500	-4.0580	-1.8430	5.6868	1.1727	11.719	3.5831	38.8929	3.59110
12600	-4.0294	-1.8094	5.6899	1.1749	11.798	3.5956	38.8612	3.60392
12700	-4.0014	-1.7765	5.6929	1.1774	11.878	3.6079	38.8260	3.61648
12800	-3.9743	-1.7445	5.6959	1.1800	11.957	3.6200	38.7879	3.62879
12900	-3.9478	-1.7133	5.6988	1.1825	12.036	3.6317	38.7473	3.64084
13000	-3.9221	-1.6828	5.7017	1.1851	12.115	3.6432	38.7034	3.65260
13100	-3.8971	-1.6532	5.7045	1.1878	12.194	3.6545	38.6563	3.66409
13200	-3.8728	-1.6242	5.7072	1.1905	12.273	3.6654	38.6064	3.67532
13300	-3.8491	-1.5960	5.7099	1.1933	12.352	3.6761	38.5540	3.68628
13400	-3.8261	-1.5685	5.7125	1.1963	12.432	3.6866	38.4984	3.69697
13500	-3.8037	-1.5417	5.7151	1.1992	12.510	3.6967	38.4399	3.70739
13600	-3.7819	-1.5156	5.7175	1.2023	12.589	3.7067	38.3790	3.71754
13700	-3.7608	-1.4901	5.7201	1.2056	12.669	3.7163	38.3158	3.72742
13800	-3.7403	-1.4654	5.7225	1.2089	12.749	3.7256	38.2495	3.73702
13900	-3.7204	-1.4413	5.7249	1.2122	12.826	3.7347	38.1805	3.74635
14000	-3.6998	-1.4166	5.7273	1.2157	12.907	3.7431	38.1196	3.75490
14100	-3.6823	-1.3949	5.7294	1.2187	13.038	3.7522	38.0358	3.76422
14200	-3.6640	-1.3726	5.7316	1.2229	13.068	3.7605	37.9598	3.77276
14300	-3.6463	-1.3510	5.7338	1.2265	13.147	3.7686	37.8817	3.78103
14400	-3.6291	-1.3298	5.7359	1.2303	13.227	3.7764	37.8015	3.78905
14500	-3.6124	-1.3093	5.7379	1.2346	13.310	3.7840	37.7189	3.79682
14600	-3.5963	-1.2893	5.7399	1.2386	13.389	3.7913	37.6343	3.80432
14700	-3.5806	-1.2698	5.7419	1.2425	13.469	3.7983	37.5476	3.81157
14800	-3.5654	-1.2509	5.7438	1.2471	13.552	3.8052	37.4591	3.81856
14900	-3.5507	-1.2325	5.7457	1.2516	13.634	3.8117	37.3687	3.82531
15000	-3.5364	-1.2146	5.7475	1.2537	13.703	3.8181	37.2765	3.83182

S/R= 97.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7500	-6.9720	-5.1023	5.4339	1.0959	7.613	2.6963	36.2117	2.69648
7600	-6.8733	-4.9941	5.4420	1.0965	7.698	2.7195	36.4062	2.71972
7700	-6.7771	-4.8886	5.4499	1.0977	7.786	2.7426	36.5919	2.74281
7800	-6.6833	-4.7855	5.4576	1.0988	7.873	2.7655	36.7724	2.76578
7900	-6.5917	-4.6849	5.4652	1.1000	7.960	2.7883	36.9462	2.78860
8000	-6.5025	-4.5868	5.4726	1.1012	8.047	2.8109	37.1129	2.81126
8100	-6.4156	-4.4909	5.4799	1.1024	8.134	2.8334	37.2739	2.83377
8200	-6.3307	-4.3974	5.4870	1.1036	8.220	2.8557	37.4278	2.85613
8300	-6.2480	-4.3060	5.4940	1.1048	8.307	2.8778	37.5766	2.87832
8400	-6.1673	-4.2168	5.5008	1.1060	8.394	2.8998	37.7189	2.90035
8500	-6.0887	-4.1298	5.5075	1.1073	8.480	2.9216	37.8548	2.92220
8600	-6.0119	-4.0448	5.5141	1.1086	8.566	2.9432	37.9855	2.94390
8700	-5.9371	-3.9618	5.5206	1.1098	8.652	2.9647	38.1100	2.96541
8800	-5.8641	-3.8807	5.5269	1.1111	8.738	2.9859	38.2294	2.98675
8900	-5.7929	-3.8015	5.5331	1.1125	8.823	3.0070	38.3433	3.00789
9000	-5.7234	-3.7242	5.5392	1.1137	8.909	3.0279	38.4512	3.02886
9100	-5.6556	-3.6486	5.5451	1.1151	8.994	3.0486	38.5542	3.04966
9200	-5.5895	-3.5749	5.5510	1.1165	9.079	3.0690	38.6519	3.07024

S/R= 97.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	4/RT	Z*
9300	-5.5250	-3.5328	5.5567	1.1178	9.164	3.0893	38.7449	3.09065
9400	-5.4620	-3.4324	5.5623	1.1192	9.249	3.1094	38.8326	3.11087
9500	-5.4006	-3.3636	5.5678	1.1206	9.334	3.1293	38.9154	3.13087
9600	-5.3407	-3.2964	5.5733	1.1220	9.418	3.1490	38.9931	3.15068
9700	-5.2822	-3.2307	5.5786	1.1234	9.502	3.1685	39.0663	3.17029
9800	-5.2251	-3.1665	5.5838	1.1249	9.586	3.1877	39.1347	3.18969
9900	-5.1694	-3.1039	5.5889	1.1264	9.670	3.2068	39.1983	3.20888
10000	-5.1150	-3.0426	5.5939	1.1278	9.754	3.2256	39.2580	3.22789
10100	-5.0620	-2.9828	5.5989	1.1294	9.837	3.2442	39.3129	3.24665
10200	-5.0103	-2.9243	5.6037	1.1309	9.921	3.2626	39.3633	3.26521
10300	-4.9598	-2.8672	5.6084	1.1325	10.004	3.2808	39.4093	3.28354
10400	-4.9105	-2.8113	5.6131	1.1340	10.086	3.2987	39.4514	3.30167
10500	-4.8625	-2.7568	5.6177	1.1355	10.169	3.3164	39.4891	3.31955
10600	-4.8156	-2.7035	5.6222	1.1374	10.252	3.3339	39.5226	3.33720
10700	-4.7699	-2.6514	5.6266	1.1389	10.334	3.3511	39.5520	3.35464
10800	-4.7252	-2.6005	5.6309	1.1405	10.416	3.3681	39.5773	3.37185
10900	-4.6817	-2.5509	5.6351	1.1424	10.498	3.3849	39.5989	3.38881
11000	-4.6393	-2.5024	5.6393	1.1442	10.580	3.4014	39.6160	3.40553
11100	-4.5979	-2.4550	5.6433	1.1459	10.662	3.4176	39.6295	3.42200
11200	-4.5575	-2.4087	5.6473	1.1476	10.743	3.4337	39.6393	3.43824
11300	-4.5181	-2.3635	5.6513	1.1496	10.825	3.4494	39.6454	3.45424
11400	-4.4798	-2.3193	5.6551	1.1515	10.906	3.4649	39.6474	3.46999
11500	-4.4424	-2.2762	5.6589	1.1534	10.987	3.4802	39.6456	3.48547
11600	-4.4059	-2.2342	5.6626	1.1553	11.068	3.4952	39.6402	3.50067
11700	-4.3704	-2.1931	5.6662	1.1574	11.148	3.5099	39.6313	3.51565
11800	-4.3358	-2.1530	5.6698	1.1596	11.230	3.5244	39.6188	3.53037
11900	-4.3021	-2.1139	5.6733	1.1617	11.310	3.5386	39.6022	3.54481
12000	-4.2693	-2.0757	5.6767	1.1637	11.390	3.5525	39.5827	3.55900
12100	-4.2373	-2.0385	5.6800	1.1660	11.470	3.5662	39.5592	3.57288
12200	-4.2062	-2.0022	5.6833	1.1683	11.551	3.5795	39.5329	3.58651
12300	-4.1759	-1.9667	5.6865	1.1706	11.630	3.5926	39.5025	3.59988
12400	-4.1464	-1.9322	5.6897	1.1731	11.711	3.6055	39.4690	3.61297
12500	-4.1178	-1.8985	5.6928	1.1756	11.791	3.6180	39.4323	3.62577
12600	-4.0899	-1.8657	5.6958	1.1780	11.871	3.6303	39.3923	3.63830
12700	-4.0627	-1.8337	5.6987	1.1808	11.951	3.6423	39.3486	3.65053
12800	-4.0364	-1.8026	5.7015	1.1836	12.032	3.6540	39.3022	3.66249
12900	-4.0108	-1.7722	5.7045	1.1861	12.110	3.6654	39.2525	3.67417
13000	-3.9859	-1.7426	5.7072	1.1891	12.191	3.6766	39.1995	3.68556
13100	-3.9617	-1.7138	5.7099	1.1922	12.272	3.6875	39.1435	3.69665
13200	-3.9382	-1.6858	5.7125	1.1950	12.351	3.6980	39.0843	3.70746
13300	-3.9154	-1.6585	5.7152	1.1981	12.431	3.7083	39.0226	3.71799
13400	-3.8933	-1.6320	5.7177	1.2016	12.512	3.7183	38.9574	3.72822
13500	-3.8718	-1.6061	5.7202	1.2047	12.592	3.7281	38.8895	3.73817
13600	-3.8509	-1.5809	5.7226	1.2080	12.671	3.7375	38.8190	3.74784
13700	-3.8307	-1.5565	5.7249	1.2117	12.753	3.7467	38.7456	3.75721
13800	-3.8111	-1.5327	5.7273	1.2156	12.835	3.7556	38.6700	3.76631
13900	-3.7921	-1.5095	5.7295	1.2103	12.869	3.7642	38.5912	3.77513
14000	-3.7723	-1.4858	5.7318	1.2229	12.995	3.7720	38.5211	3.78317
14100	-3.7558	-1.4652	5.7339	1.2376	13.134	3.7806	38.4265	3.79191
14200	-3.7385	-1.4439	5.7359	1.2311	13.160	3.7884	38.3405	3.79988
14300	-3.7217	-1.4232	5.7380	1.2351	13.241	3.7959	38.2522	3.80758
14400	-3.7055	-1.4031	5.7400	1.2393	13.322	3.8032	38.1619	3.81501
14500	-3.6897	-1.3836	5.7419	1.2443	13.408	3.8102	38.0690	3.82218
14600	-3.6745	-1.3646	5.7438	1.2487	13.490	3.8169	37.9748	3.82909
14700	-3.6597	-1.3461	5.7457	1.2526	13.569	3.8234	37.8785	3.83575



S/R= 97.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14800	-3.6454	-1.3281	5.7475	1.2578	13.654	3.8297	37.7804	3.84216
14900	-3.6316	-1.3107	5.7493	1.2529	13.739	3.8357	37.6805	3.84832
15000	-3.6181	-1.2937	5.7510	1.2651	13.807	3.8415	37.5790	3.85425

S/R= 98.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7600	-6.9194	-5.0354	5.4507	1.0970	7.743	2.7500	37.1455	2.75017
7700	-6.8229	-4.9296	5.4585	1.0976	7.829	2.7734	37.3317	2.77363
7800	-6.7289	-4.8263	5.4663	1.0987	7.917	2.7967	37.5114	2.79694
7900	-6.6371	-4.7254	5.4738	1.0999	8.004	2.8198	37.6845	2.82010
8000	-6.5477	-4.6270	5.4812	1.1011	8.092	2.8428	37.8507	2.84310
9100	-6.4605	-4.5310	5.4884	1.1023	8.180	2.8655	38.0107	2.86594
8200	-6.3756	-4.4373	5.4955	1.1035	8.267	2.8882	38.1639	2.88861
8300	-6.2928	-4.3459	5.5024	1.1048	8.354	2.9106	38.3113	2.91110
8400	-6.2120	-4.2566	5.5092	1.1060	8.441	2.9329	38.4520	2.93343
8500	-6.1333	-4.1695	5.5159	1.1074	8.528	2.9550	38.5866	2.95557
8600	-6.0566	-4.0844	5.5224	1.1086	8.615	2.9769	38.7151	2.97754
8700	-5.9817	-4.0014	5.5288	1.1099	8.701	2.9986	38.8379	2.99931
8800	-5.9087	-3.9204	5.5350	1.1112	8.788	3.0201	38.9550	3.02090
8900	-5.8376	-3.8413	5.5412	1.1126	8.874	3.0414	39.0663	3.04229
9000	-5.7682	-3.7640	5.5472	1.1139	8.960	3.0625	39.1719	3.06348
9100	-5.7005	-3.6886	5.5531	1.1153	9.046	3.0834	39.2724	3.08450
9200	-5.6345	-3.6149	5.5589	1.1166	9.132	3.1041	39.3671	3.10530
9300	-5.5702	-3.5430	5.5646	1.1180	9.217	3.1246	39.4572	3.12589
9400	-5.5074	-3.4728	5.5702	1.1194	9.302	3.1449	39.5416	3.14630
9500	-5.4462	-3.4042	5.5756	1.1210	9.388	3.1649	39.6209	3.16648
9600	-5.3864	-3.3372	5.5810	1.1223	9.473	3.1848	39.6951	3.18644
9700	-5.3282	-3.2718	5.5863	1.1238	9.557	3.2044	39.7644	3.20620
9800	-5.2714	-3.2079	5.5914	1.1253	9.642	3.2238	39.8290	3.22574
9900	-5.2160	-3.1455	5.5965	1.1268	9.726	3.2430	39.8889	3.24505
10000	-5.1619	-3.0846	5.6015	1.1283	9.810	3.2619	39.9441	3.26415
10100	-5.1092	-3.0251	5.6063	1.1299	9.894	3.2806	39.9948	3.28302
10200	-5.0578	-2.9670	5.6111	1.1316	9.979	3.2991	40.0408	3.30166
10300	-5.0077	-2.9103	5.6158	1.1332	10.062	3.3173	40.0819	3.32004
10400	-4.9588	-2.8548	5.6204	1.1346	10.145	3.3353	40.1187	3.33821
10500	-4.9112	-2.8007	5.6249	1.1363	10.228	3.3531	40.1519	3.35614
10600	-4.8647	-2.7479	5.6293	1.1382	10.312	3.3706	40.1799	3.37382
10700	-4.8195	-2.6963	5.6336	1.1399	10.395	3.3878	40.2035	3.39124
10800	-4.7753	-2.6459	5.6379	1.1416	10.477	3.4048	40.2236	3.40843
10900	-4.7323	-2.5968	5.6421	1.1434	10.560	3.4215	40.2394	3.42537
11000	-4.6903	-2.5488	5.6462	1.1452	10.642	3.4380	40.2507	3.44204
11100	-4.6495	-2.5019	5.6502	1.1472	10.725	3.4542	40.2579	3.45846
11200	-4.6097	-2.4563	5.6541	1.1490	10.806	3.4701	40.2610	3.47459
11300	-4.5709	-2.4117	5.6580	1.1510	10.888	3.4858	40.2604	3.49048
11400	-4.5331	-2.3681	5.6617	1.1530	10.970	3.5012	40.2558	3.50611
11500	-4.4963	-2.3257	5.6654	1.1550	11.051	3.5163	40.2470	3.52146
11600	-4.4605	-2.2843	5.6691	1.1571	11.133	3.5312	40.2348	3.53652
11700	-4.4257	-2.2439	5.6726	1.1593	11.214	3.5457	40.2180	3.55130
11800	-4.3918	-2.2046	5.6761	1.1616	11.296	3.5600	40.1976	3.56580
11900	-4.3588	-2.1662	5.6795	1.1638	11.377	3.5740	40.1738	3.58003
12000	-4.3266	-2.1288	5.6828	1.1661	11.458	3.5877	40.1465	3.59398
12100	-4.2954	-2.0923	5.6861	1.1685	11.539	3.6011	40.1152	3.60762
12200	-4.2651	-2.0568	5.6893	1.1711	11.620	3.6142	40.0802	3.62097
12300	-4.2356	-2.0222	5.6924	1.1735	11.701	3.6271	40.0414	3.63402

S/R= 98.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12400	-4.2069	-1.9886	5.6955	1.1762	11.782	3.6396	39.9990	3.64678
12500	-4.1790	-1.9558	5.6985	1.1791	11.864	3.6518	39.9530	3.65924
12600	-4.1520	-1.9238	5.7014	1.1816	11.943	3.6638	39.9038	3.67141
12700	-4.1257	-1.8927	5.7042	1.1845	12.024	3.6754	39.8514	3.68327
12800	-4.1002	-1.8625	5.7070	1.1876	12.106	3.6867	39.7955	3.69483
12900	-4.0755	-1.8331	5.7098	1.1905	12.186	3.6978	39.7362	3.70608
13000	-4.0515	-1.8045	5.7124	1.1938	12.268	3.7085	39.6735	3.71702
13100	-4.0282	-1.7767	5.7151	1.1972	12.350	3.7189	39.6077	3.72766
13200	-4.0056	-1.7496	5.7176	1.2002	12.429	3.7290	39.5387	3.73801
13300	-3.9838	-1.7233	5.7201	1.2037	12.511	3.7389	39.4664	3.74804
13400	-3.9626	-1.6978	5.7225	1.2077	12.595	3.7484	39.3915	3.75777
13500	-3.9420	-1.6729	5.7249	1.2111	12.675	3.7576	39.3134	3.76719
13600	-3.9222	-1.6488	5.7272	1.2147	12.756	3.7666	39.2323	3.77631
13700	-3.9029	-1.6254	5.7294	1.2190	12.840	3.7752	39.1486	3.78513
13800	-3.8843	-1.6026	5.7316	1.2233	12.924	3.7836	39.0623	3.79365
13900	-3.8662	-1.5805	5.7338	1.2174	12.953	3.7916	38.9732	3.80189
14000	-3.8474	-1.5578	5.7360	1.2314	13.086	3.7989	38.8936	3.80938
14100	-3.8319	-1.5382	5.7379	1.2478	13.234	3.8069	38.7880	3.81751
14200	-3.8155	-1.5180	5.7399	1.2404	13.255	3.8141	38.6918	3.82489
14300	-3.7997	-1.4984	5.7418	1.2449	13.337	3.8211	38.5934	3.83200
14400	-3.7844	-1.4793	5.7437	1.2500	13.423	3.8278	38.4929	3.83882
14500	-3.7697	-1.4608	5.7455	1.2556	13.511	3.8342	38.3899	3.84537
14600	-3.7554	-1.4428	5.7474	1.2602	13.593	3.8404	38.2851	3.85164
14700	-3.7416	-1.4253	5.7491	1.2648	13.675	3.8463	38.1787	3.85768
14800	-3.7282	-1.4084	5.7509	1.2705	13.762	3.8519	38.0707	3.86346
14900	-3.7152	-1.3919	5.7525	1.2762	13.849	3.8574	37.9610	3.86900
15000	-3.7027	-1.3759	5.7542	1.2787	13.919	3.8626	37.8497	3.87430

S/R= 99.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7600	-6.9647	-5.0759	5.4593	1.0969	7.785	2.7805	37.8875	2.78074
7700	-6.8679	-4.9697	5.4671	1.0974	7.872	2.8043	38.0741	2.80455
7800	-6.7736	-4.8662	5.4748	1.0986	7.960	2.8279	38.2530	2.82820
7900	-6.6817	-4.7651	5.4822	1.0998	8.049	2.8514	38.4253	2.85170
8000	-6.5920	-4.6665	5.4895	1.1010	8.137	2.8747	38.5907	2.87502
8100	-6.5048	-4.5704	5.4967	1.1023	8.225	2.8978	38.7492	2.89817
8200	-6.4197	-4.4766	5.5038	1.1035	8.313	2.9207	38.9013	2.92115
8300	-6.3369	-4.3851	5.5107	1.1048	8.401	2.9434	39.0466	2.94393
8400	-6.2561	-4.2958	5.5174	1.1061	8.489	2.9660	39.1857	2.96655
8500	-6.1773	-4.2086	5.5240	1.1074	8.576	2.9883	39.3187	2.98895
8600	-6.1006	-4.1236	5.5305	1.1087	8.664	3.0105	39.4450	3.01118
8700	-6.0258	-4.0407	5.5368	1.1100	8.751	3.0325	39.5655	3.03320
8800	-5.9529	-3.9597	5.5431	1.1114	8.838	3.0542	39.6800	3.05503
8900	-5.8819	-3.8807	5.5492	1.1127	8.925	3.0757	39.7887	3.07665
9000	-5.8126	-3.8036	5.5551	1.1140	9.011	3.0971	39.8915	3.09806
9100	-5.7451	-3.7283	5.5610	1.1155	9.098	3.1182	39.9886	3.11927
9200	-5.6793	-3.6548	5.5667	1.1169	9.184	3.1391	40.0805	3.14027
9300	-5.6151	-3.5831	5.5724	1.1182	9.270	3.1597	40.1668	3.16104
9400	-5.5525	-3.5131	5.5779	1.1197	9.356	3.1802	40.2480	3.18161
9500	-5.4916	-3.4448	5.5833	1.1213	9.442	3.2004	40.3237	3.20194
9600	-5.4321	-3.3781	5.5885	1.1227	9.527	3.2204	40.3941	3.22205
9700	-5.3741	-3.3130	5.5938	1.1242	9.612	3.2401	40.4590	3.24193
9800	-5.3176	-3.2494	5.5989	1.1258	9.698	3.2597	40.5193	3.26159
9900	-5.2626	-3.1873	5.6039	1.1273	9.782	3.2789	40.5751	3.28100

S/R= 99.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10000	-5.2089	-3.1268	5.6088	1.1289	9.867	3.2980	40.6255	3.30017
10100	-5.1566	-3.0677	5.6136	1.1305	9.952	3.3167	40.6713	3.31910
10200	-5.1055	-3.0099	5.6183	1.1322	10.036	3.3353	40.7126	3.33780
10300	-5.0559	-2.9537	5.6230	1.1339	10.120	3.3535	40.7485	3.35623
10400	-5.0074	-2.8987	5.6275	1.1355	10.204	3.3715	40.7800	3.37440
10500	-4.9603	-2.8451	5.6319	1.1371	10.287	3.3893	40.8075	3.39233
10600	-4.9143	-2.7928	5.6363	1.1390	10.371	3.4068	40.8298	3.41001
10700	-4.8695	-2.7417	5.6406	1.1410	10.455	3.4240	40.8475	3.42741
10800	-4.8259	-2.6919	5.6447	1.1427	10.538	3.4410	40.8611	3.44454
10900	-4.7834	-2.6433	5.6488	1.1445	10.621	3.4576	40.8703	3.46139
11000	-4.7420	-2.5960	5.6529	1.1465	10.704	3.4740	40.8752	3.47799
11100	-4.7017	-2.5497	5.6568	1.1485	10.787	3.4901	40.8755	3.49431
11200	-4.6626	-2.5047	5.6606	1.1505	10.869	3.5060	40.8721	3.51032
11300	-4.6244	-2.4608	5.6644	1.1526	10.952	3.5215	40.8640	3.52604
11400	-4.5874	-2.4180	5.6681	1.1547	11.034	3.5367	40.8518	3.54149
11500	-4.5512	-2.3762	5.6717	1.1569	11.116	3.5517	40.8355	3.55667
11600	-4.5161	-2.3356	5.6753	1.1592	11.198	3.5663	40.8155	3.57153
11700	-4.4820	-2.2960	5.6787	1.1615	11.280	3.5807	40.7907	3.58609
11800	-4.4489	-2.2575	5.6821	1.1640	11.363	3.5947	40.7624	3.60034
11900	-4.4167	-2.2199	5.6855	1.1664	11.444	3.6084	40.7301	3.61428
12000	-4.3853	-2.1833	5.6887	1.1687	11.525	3.6219	40.6934	3.62793
12100	-4.3549	-2.1478	5.6919	1.1714	11.608	3.6350	40.6530	3.64126
12200	-4.3254	-2.1131	5.6950	1.1743	11.690	3.6478	40.6090	3.65428
12300	-4.2968	-2.0795	5.6980	1.1770	11.771	3.6603	40.5612	3.66698
12400	-4.2690	-2.0467	5.7010	1.1799	11.854	3.6725	40.5095	3.67936
12500	-4.2420	-2.0149	5.7039	1.1829	11.936	3.6843	40.4540	3.69141
12600	-4.2159	-1.9839	5.7067	1.1858	12.017	3.6958	40.3946	3.70316
12700	-4.1905	-1.9538	5.7095	1.1889	12.099	3.7071	40.3322	3.71458
12800	-4.1660	-1.9246	5.7121	1.1922	12.181	3.7180	40.2660	3.72568
12900	-4.1422	-1.8962	5.7148	1.1956	12.263	3.7285	40.1963	3.73644
13000	-4.1192	-1.8686	5.7173	1.1992	12.346	3.7388	40.1231	3.74689
13100	-4.0969	-1.8419	5.7198	1.2030	12.429	3.7487	40.0468	3.75700
13200	-4.0753	-1.8159	5.7223	1.2066	12.511	3.7583	39.9671	3.76681
13300	-4.0545	-1.7907	5.7247	1.2103	12.594	3.7676	39.8845	3.77629
13400	-4.0343	-1.7662	5.7270	1.2146	12.678	3.7766	39.7985	3.78546
13500	-4.0147	-1.7424	5.7292	1.2184	12.760	3.7853	39.7100	3.79432
13600	-3.9958	-1.7194	5.7314	1.2226	12.843	3.7937	39.6183	3.80287
13700	-3.9776	-1.6971	5.7336	1.2274	12.929	3.8018	39.5236	3.81108
13800	-3.9600	-1.6754	5.7357	1.2322	13.015	3.8095	39.4261	3.81899
13900	-3.9430	-1.6544	5.7377	1.2257	13.040	3.8170	39.3261	3.82660
14000	-3.9251	-1.6327	5.7398	1.2412	13.182	3.8237	39.2362	3.83348
14100	-3.9107	-1.6143	5.7416	1.2601	13.342	3.8311	39.1190	3.84093
14200	-3.8954	-1.5951	5.7435	1.2517	13.356	3.8377	39.0119	3.84767
14300	-3.8806	-1.5766	5.7453	1.2564	13.439	3.8440	38.9030	3.85413
14400	-3.8662	-1.5585	5.7471	1.2618	13.525	3.8501	38.7921	3.86032
14500	-3.8524	-1.5411	5.7488	1.2680	13.616	3.8559	38.6790	3.86625
14600	-3.8391	-1.5241	5.7505	1.2734	13.702	3.8615	38.5643	3.87190
14700	-3.8262	-1.5076	5.7522	1.2784	13.785	3.8668	38.4480	3.87731
14800	-3.8137	-1.4916	5.7538	1.2847	13.875	3.8719	38.3304	3.88248
14900	-3.8016	-1.4761	5.7554	1.2909	13.964	3.8767	38.2112	3.88741
15000	-3.7900	-1.4611	5.7569	1.2935	14.033	3.8813	38.0902	3.89209

S/R= 100.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7700	-6.9120	-5.0091	5.4755	1.0979	7.917	2.8353	38.8189	2.83557
7800	-6.8175	-4.9053	5.4831	1.0985	8.004	2.8593	38.9967	2.85956
7900	-6.7255	-4.8042	5.4906	1.0998	8.093	2.8831	39.1674	2.88336
8000	-6.6358	-4.7054	5.4978	1.1010	8.182	2.9067	39.3321	2.90701
8100	-6.5484	-4.6092	5.5050	1.1022	8.271	2.9301	39.4889	2.93046
8200	-6.4633	-4.5153	5.5119	1.1035	8.359	2.9533	39.6392	2.95373
8300	-6.3804	-4.4238	5.5188	1.1048	8.448	2.9763	39.7830	2.97679
8400	-6.2996	-4.3345	5.5255	1.1061	8.536	2.9991	39.9197	2.99967
8500	-6.2209	-4.2474	5.5320	1.1074	8.624	3.0217	40.0505	3.02234
8600	-6.1443	-4.1625	5.5384	1.1088	8.712	3.0441	40.1742	3.04481
8700	-6.0696	-4.0796	5.5447	1.1101	8.800	3.0663	40.2922	3.06707
8800	-5.9968	-3.9987	5.5509	1.1115	8.888	3.0883	40.4041	3.08912
8900	-5.9259	-3.9199	5.5569	1.1128	8.975	3.1100	40.5096	3.11095
9000	-5.8568	-3.8429	5.5629	1.1142	9.062	3.1316	40.6095	3.13256
9100	-5.7894	-3.7678	5.5687	1.1157	9.149	3.1529	40.7033	3.15395
9200	-5.7238	-3.6946	5.5744	1.1172	9.236	3.1739	40.7914	3.17513
9300	-5.6599	-3.6231	5.5799	1.1186	9.322	3.1948	40.8741	3.19606
9400	-5.5976	-3.5534	5.5854	1.1201	9.409	3.2154	40.9514	3.21677
9500	-5.5369	-3.4854	5.5908	1.1216	9.495	3.2357	41.0229	3.23724
9600	-5.4777	-3.4190	5.5960	1.1231	9.581	3.2558	41.0892	3.25748
9700	-5.4201	-3.3542	5.6011	1.1247	9.667	3.2757	41.1498	3.27744
9800	-5.3640	-3.2910	5.6062	1.1264	9.753	3.2953	41.2055	3.29719
9900	-5.3093	-3.2294	5.6111	1.1278	9.838	3.3147	41.2563	3.31668
10000	-5.2560	-3.1692	5.6160	1.1295	9.923	3.3337	41.3017	3.33592
10100	-5.2041	-3.1106	5.6207	1.1313	10.009	3.3525	41.3418	3.35487
10200	-5.1535	-3.0533	5.6254	1.1329	10.093	3.3711	41.3779	3.37359
10300	-5.1043	-2.9975	5.6299	1.1347	10.178	3.3894	41.4081	3.39203
10400	-5.0564	-2.9431	5.6344	1.1365	10.262	3.4074	41.4339	3.41021
10500	-5.0098	-2.8900	5.6388	1.1382	10.346	3.4251	41.4545	3.42808
10600	-4.9643	-2.8383	5.6431	1.1401	10.430	3.4426	41.4710	3.44571
10700	-4.9201	-2.7878	5.6472	1.1420	10.514	3.4597	41.4822	3.46305
10800	-4.8770	-2.7386	5.6514	1.1440	10.598	3.4766	41.4892	3.48011
10900	-4.8352	-2.6907	5.6554	1.1460	10.682	3.4932	41.4912	3.49684
11000	-4.7945	-2.6440	5.6593	1.1480	10.765	3.5094	41.4888	3.51328
11100	-4.7549	-2.5985	5.6632	1.1501	10.849	3.5254	41.4819	3.52947
11200	-4.7164	-2.5542	5.6670	1.1522	10.932	3.5411	41.4704	3.54532
11300	-4.6790	-2.5110	5.6707	1.1545	11.015	3.5564	41.4549	3.56086
11400	-4.6426	-2.4690	5.6743	1.1568	11.098	3.5715	41.4341	3.57609
11500	-4.6073	-2.4281	5.6778	1.1591	11.180	3.5862	41.4095	3.59100
11600	-4.5730	-2.3883	5.6813	1.1615	11.263	3.6006	41.3807	3.60561
11700	-4.5396	-2.3495	5.6846	1.1640	11.346	3.6147	41.3474	3.61989
11800	-4.5073	-2.3119	5.6879	1.1667	11.429	3.6284	41.3101	3.63384
11900	-4.4760	-2.2752	5.6912	1.1694	11.512	3.6418	41.2685	3.64746
12000	-4.4455	-2.2396	5.6943	1.1719	11.593	3.6549	41.2223	3.66076
12100	-4.4160	-2.2050	5.6974	1.1748	11.676	3.6677	41.1725	3.67370
12200	-4.3874	-2.1713	5.7004	1.1779	11.760	3.6801	41.1182	3.68633
12300	-4.3597	-2.1386	5.7033	1.1809	11.842	3.6922	41.0601	3.69861
12400	-4.3329	-2.1069	5.7062	1.1841	11.926	3.7040	40.9980	3.71056
12500	-4.3069	-2.0761	5.7090	1.1874	12.008	3.7154	40.9326	3.72215
12600	-4.2817	-2.0462	5.7117	1.1907	12.091	3.7264	40.8626	3.73340
12700	-4.2574	-2.0172	5.7143	1.1942	12.174	3.7372	40.7890	3.74431
12800	-4.2339	-1.9891	5.7169	1.1977	12.257	3.7476	40.7121	3.75490
12900	-4.2111	-1.9617	5.7195	1.2015	12.341	3.7576	40.6314	3.76513
13000	-4.1891	-1.9353	5.7219	1.2055	12.426	3.7674	40.5472	3.77503
13100	-4.1679	-1.9097	5.7243	1.2098	12.511	3.7768	40.4596	3.78457

S/R= 100.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13200	-4.1474	-1.8848	5.7266	1.2140	12.595	3.7858	40.3685	3.79378
13300	-4.1276	-1.8607	5.7289	1.2182	12.679	3.7945	40.2744	3.80265
13400	-4.1085	-1.8374	5.7311	1.2227	12.765	3.8029	40.1769	3.81120
13500	-4.0900	-1.8148	5.7332	1.2271	12.849	3.8110	40.0767	3.81941
13600	-4.0722	-1.7929	5.7353	1.2319	12.935	3.8188	39.9735	3.82732
13700	-4.0551	-1.7717	5.7373	1.2370	13.022	3.8262	39.8678	3.83490
13800	-4.0385	-1.7512	5.7393	1.2423	13.109	3.8334	39.7595	3.84217
13900	-4.0225	-1.7313	5.7412	1.2348	13.128	3.8402	39.6485	3.84914
14000	-4.0056	-1.7105	5.7433	1.2527	13.281	3.8464	39.5483	3.85542
14100	-3.9923	-1.6934	5.7449	1.2745	13.456	3.8530	39.4195	3.86218
14200	-3.9779	-1.6753	5.7467	1.2646	13.461	3.8590	39.3016	3.86825
14300	-3.9641	-1.6578	5.7484	1.2698	13.547	3.8647	39.1818	3.87405
14400	-3.9508	-1.6409	5.7501	1.2758	13.636	3.8702	39.0603	3.87958
14500	-3.9380	-1.6244	5.7517	1.2824	13.727	3.8753	38.9371	3.88485
14600	-3.9256	-1.6085	5.7533	1.2884	13.816	3.8803	38.8122	3.88986
14700	-3.9136	-1.5930	5.7549	1.2942	13.903	3.8850	38.6862	3.89463
14800	-3.9020	-1.5780	5.7564	1.3008	13.993	3.8895	38.5588	3.89918
14900	-3.8908	-1.5634	5.7579	1.3072	14.083	3.8937	38.4303	3.90349
15000	-3.8800	-1.5492	5.7593	1.3102	14.154	3.8978	38.3004	3.90759

S/R= 101.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7700	-6.9554	-5.0478	5.4838	1.0978	7.960	2.8664	39.5646	2.86666
7800	-6.8608	-4.9438	5.4913	1.0985	8.048	2.8907	39.7420	2.89098
7900	-6.7686	-4.8425	5.4987	1.0997	8.138	2.9148	39.9113	2.91509
8000	-6.6788	-4.7437	5.5050	1.1010	8.227	2.9387	40.0740	2.93903
8100	-6.5914	-4.6475	5.5130	1.1023	8.317	2.9624	40.2294	2.96277
8200	-6.5063	-4.5536	5.5200	1.1035	8.406	2.9859	40.3778	2.98632
8300	-6.4234	-4.4621	5.5267	1.1048	8.495	3.0092	40.5194	3.00966
8400	-6.3427	-4.3728	5.5334	1.1062	8.584	3.0322	40.6539	3.03279
8500	-6.2641	-4.2858	5.5399	1.1075	8.672	3.0551	40.7818	3.05570
8600	-6.1875	-4.2010	5.5463	1.1089	8.761	3.0777	40.9029	3.07840
8700	-6.1130	-4.1182	5.5525	1.1103	8.849	3.1001	41.0181	3.10088
8800	-6.0403	-4.0375	5.5586	1.1117	8.937	3.1223	41.1267	3.12315
8900	-5.9696	-3.9589	5.5646	1.1131	9.025	3.1443	41.2288	3.14517
9000	-5.9007	-3.8821	5.5705	1.1145	9.113	3.1660	41.3253	3.16696
9100	-5.8336	-3.8073	5.5762	1.1160	9.201	3.1874	41.4155	3.18853
9200	-5.7683	-3.7343	5.5818	1.1175	9.288	3.2087	41.4995	3.20985
9300	-5.7046	-3.6631	5.5874	1.1189	9.375	3.2296	41.5785	3.23093
9400	-5.6426	-3.5937	5.5928	1.1204	9.462	3.2504	41.6512	3.25176
9500	-5.5823	-3.5260	5.5981	1.1221	9.549	3.2708	41.7182	3.27233
9600	-5.5235	-3.4600	5.6032	1.1236	9.635	3.2910	41.7798	3.29266
9700	-5.4662	-3.3956	5.6083	1.1252	9.721	3.3110	41.8355	3.31273
9800	-5.4105	-3.3329	5.6133	1.1270	9.808	3.3306	41.8861	3.33251
9900	-5.3562	-3.2717	5.6182	1.1285	9.893	3.3500	41.9314	3.35205
10000	-5.3034	-3.2120	5.6230	1.1302	9.979	3.3692	41.9715	3.37133
10100	-5.2520	-3.1539	5.6276	1.1321	10.065	3.3880	42.0059	3.39030
10200	-5.2019	-3.0972	5.6322	1.1338	10.150	3.4066	42.0354	3.40898
10300	-5.1533	-3.0419	5.6367	1.1356	10.235	3.4248	42.0598	3.42740
10400	-5.1059	-2.9881	5.6411	1.1375	10.320	3.4428	42.0791	3.44555
10500	-5.0598	-2.9356	5.6454	1.1394	10.405	3.4605	42.0932	3.46336
10600	-5.0150	-2.8845	5.6496	1.1413	10.489	3.4778	42.1024	3.48088
10700	-4.9714	-2.8347	5.6537	1.1433	10.573	3.4949	42.1065	3.49810
10800	-4.9290	-2.7862	5.6578	1.1453	10.658	3.5116	42.1062	3.51504

S/R= 101.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10900	-4.8878	-2.7390	5.6617	1.1475	10.742	3.5281	42.1006	3.53164
11000	-4.8478	-2.6931	5.6656	1.1498	10.827	3.5442	42.0904	3.54791
11100	-4.8090	-2.6484	5.6693	1.1519	10.910	3.5599	42.0750	3.56387
11200	-4.7712	-2.6048	5.6730	1.1542	10.994	3.5754	42.0551	3.57950
11300	-4.7346	-2.5625	5.6766	1.1566	11.078	3.5905	42.0308	3.59481
11400	-4.6991	-2.5214	5.6802	1.1590	11.161	3.6053	42.0014	3.60978
11500	-4.6646	-2.4813	5.6836	1.1616	11.245	3.6197	41.9679	3.62441
11600	-4.6311	-2.4425	5.6870	1.1643	11.328	3.6338	41.9292	3.63869
11700	-4.5987	-2.4047	5.6903	1.1669	11.412	3.6476	41.8863	3.65262
11800	-4.5673	-2.3680	5.6935	1.1699	11.496	3.6610	41.8392	3.66621
11900	-4.5369	-2.3323	5.6966	1.1727	11.579	3.6741	41.7871	3.67945
12000	-4.5074	-2.2977	5.6996	1.1756	11.662	3.6868	41.7314	3.69234
12100	-4.4789	-2.2641	5.7026	1.1788	11.746	3.6991	41.6705	3.70484
12200	-4.4513	-2.2316	5.7055	1.1821	11.830	3.7111	41.6058	3.71701
12300	-4.4246	-2.2000	5.7083	1.1855	11.914	3.7227	41.5370	3.72881
12400	-4.3988	-2.1693	5.7111	1.1890	11.998	3.7340	41.4637	3.74026
12500	-4.3739	-2.1397	5.7138	1.1926	12.082	3.7449	41.3865	3.75132
12600	-4.3498	-2.1109	5.7164	1.1964	12.167	3.7554	41.3053	3.76204
12700	-4.3265	-2.0830	5.7189	1.2003	12.252	3.7656	41.2205	3.77238
12800	-4.3041	-2.0561	5.7214	1.2043	12.337	3.7755	41.1315	3.78237
12900	-4.2825	-2.0300	5.7238	1.2086	12.422	3.7849	41.0390	3.79200
13000	-4.2616	-2.0047	5.7261	1.2129	12.507	3.7941	40.9432	3.80128
13100	-4.2415	-1.9802	5.7284	1.2175	12.594	3.8029	40.8437	3.81021
13200	-4.2221	-1.9566	5.7306	1.2224	12.681	3.8113	40.7412	3.81879
13300	-4.2034	-1.9337	5.7328	1.2273	12.768	3.8194	40.6351	3.82702
13400	-4.1854	-1.9115	5.7348	1.2323	12.855	3.8272	40.5260	3.83491
13500	-4.1680	-1.8901	5.7369	1.2372	12.941	3.8346	40.4140	3.84245
13600	-4.1513	-1.8694	5.7388	1.2428	13.031	3.8417	40.2989	3.84968
13700	-4.1353	-1.8494	5.7407	1.2486	13.120	3.8485	40.1814	3.85657
13800	-4.1198	-1.8300	5.7426	1.2544	13.210	3.8550	40.0614	3.86316
13900	-4.1049	-1.8113	5.7444	1.2605	13.321	3.8612	39.9390	3.86944
14000	-4.0890	-1.7916	5.7463	1.2660	13.387	3.8667	39.8282	3.87507
14100	-4.0767	-1.7756	5.7479	1.2708	13.576	3.8727	39.6880	3.88113
14200	-4.0634	-1.7586	5.7495	1.2789	13.571	3.8781	39.5595	3.88655
14300	-4.0506	-1.7422	5.7512	1.2848	13.659	3.8831	39.4294	3.89170
14400	-4.0382	-1.7262	5.7527	1.2911	13.748	3.8880	39.2975	3.89659
14500	-4.0263	-1.7108	5.7543	1.2983	13.843	3.8925	39.1546	3.90123
14600	-4.0148	-1.6958	5.7557	1.3049	13.934	3.8969	39.0297	3.90561
14700	-4.0037	-1.6813	5.7572	1.3116	14.024	3.9010	38.8943	3.90978
14800	-3.9929	-1.6672	5.7586	1.3184	14.116	3.9049	38.7579	3.91372
14900	-3.9826	-1.6535	5.7600	1.3252	14.206	3.9086	38.6204	3.91745
15000	-3.9726	-1.6402	5.7614	1.3288	14.280	3.9120	38.4822	3.92097

S/R= 102.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7700	-6.9983	-5.0859	5.4919	1.0978	8.003	2.8976	40.3117	2.89779
7800	-6.9034	-4.9817	5.4994	1.0985	8.091	2.9222	40.4886	2.92245
7900	-6.8112	-4.8804	5.5068	1.0997	8.182	2.9465	40.6559	2.94685
8000	-6.7214	-4.7816	5.5139	1.1010	8.272	2.9707	40.8168	2.97109
8100	-6.6340	-4.6853	5.5210	1.1023	8.362	2.9947	40.9701	2.99510
8200	-6.5489	-4.5914	5.5278	1.1036	8.452	3.0185	41.1163	3.01891
8300	-6.4641	-4.5000	5.5346	1.1049	8.541	3.0420	41.2554	3.04251
8400	-6.3854	-4.4108	5.5411	1.1063	8.631	3.0653	41.3872	3.06588
8500	-6.3069	-4.3239	5.5475	1.1077	8.720	3.0884	41.5124	3.08903

S/R= 102.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8600	-6.2305	-4.2392	5.5539	1.1090	8.809	3.1113	41.6304	3.11194
8700	-6.1561	-4.1567	5.5601	1.1105	8.898	3.1339	41.7422	3.13463
8800	-6.0837	-4.0762	5.5662	1.1120	8.987	3.1563	41.8473	3.15708
8900	-6.0132	-3.9977	5.5721	1.1134	9.075	3.1784	41.9459	3.17928
9000	-5.9446	-3.9213	5.5779	1.1148	9.163	3.2003	42.0381	3.20123
9100	-5.8777	-3.8467	5.5835	1.1164	9.252	3.2219	42.1246	3.22296
9200	-5.8127	-3.7741	5.5891	1.1179	9.339	3.2432	42.2045	3.24440
9300	-5.7494	-3.7032	5.5946	1.1193	9.427	3.2643	42.2784	3.26560
9400	-5.6877	-3.6342	5.6000	1.1209	9.514	3.2852	42.3469	3.28654
9500	-5.6277	-3.5669	5.6052	1.1226	9.602	3.3057	42.4087	3.30719
9600	-5.5694	-3.5013	5.6103	1.1242	9.688	3.3260	42.4649	3.32759
9700	-5.5125	-3.4374	5.6153	1.1259	9.775	3.3460	42.5161	3.34771
9800	-5.4573	-3.3751	5.6202	1.1276	9.862	3.3657	42.5605	3.36755
9900	-5.4035	-3.3144	5.6250	1.1293	9.948	3.3851	42.5996	3.38707
10000	-5.3512	-3.2553	5.6298	1.1310	10.034	3.4042	42.6341	3.40635
10100	-5.3003	-3.1977	5.6344	1.1329	10.121	3.4231	42.6622	3.42531
10200	-5.2508	-3.1416	5.6389	1.1348	10.206	3.4416	42.6852	3.44396
10300	-5.2028	-3.0870	5.6433	1.1367	10.292	3.4598	42.7024	3.46228
10400	-5.1560	-3.0338	5.6476	1.1386	10.377	3.4777	42.7147	3.48035
10500	-5.1105	-2.9820	5.6518	1.1407	10.463	3.4952	42.7217	3.49807
10600	-5.0664	-2.9316	5.6560	1.1427	10.548	3.5125	42.7234	3.51548
10700	-5.0235	-2.8826	5.6600	1.1448	10.633	3.5294	42.7194	3.53253
10800	-4.9819	-2.8349	5.6640	1.1470	10.718	3.5460	42.7109	3.54927
10900	-4.9415	-2.7885	5.6678	1.1494	10.803	3.5622	42.6970	3.56568
11000	-4.9023	-2.7434	5.6716	1.1516	10.887	3.5781	42.6781	3.58175
11100	-4.8642	-2.6995	5.6753	1.1540	10.971	3.5937	42.6541	3.59747
11200	-4.8273	-2.6569	5.6789	1.1566	11.056	3.6088	42.6246	3.61280
11300	-4.7916	-2.6155	5.6824	1.1591	11.140	3.6237	42.5909	3.62781
11400	-4.7569	-2.5753	5.6859	1.1616	11.224	3.6381	42.5519	3.64246
11500	-4.7233	-2.5362	5.6892	1.1645	11.309	3.6523	42.5085	3.65675
11600	-4.6909	-2.4984	5.6924	1.1674	11.394	3.6660	42.4597	3.67065
11700	-4.6594	-2.4616	5.6955	1.1704	11.478	3.6794	42.4062	3.68419
11800	-4.6290	-2.4260	5.6987	1.1734	11.563	3.6924	42.3483	3.69734
11900	-4.5996	-2.3914	5.7017	1.1765	11.646	3.7050	42.2849	3.71012
12000	-4.5712	-2.3579	5.7047	1.1799	11.731	3.7172	42.2179	3.72254
12100	-4.5437	-2.3255	5.7075	1.1835	11.817	3.7291	42.1457	3.73456
12200	-4.5172	-2.2941	5.7103	1.1871	11.902	3.7406	42.0696	3.74620
12300	-4.4916	-2.2637	5.7130	1.1909	11.988	3.7517	41.9889	3.75745
12400	-4.4670	-2.2342	5.7157	1.1948	12.073	3.7624	41.9037	3.76832
12500	-4.4432	-2.2057	5.7182	1.1987	12.158	3.7727	41.8145	3.77881
12600	-4.4202	-2.1782	5.7207	1.2029	12.244	3.7827	41.7213	3.78893
12700	-4.3981	-2.1516	5.7232	1.2073	12.331	3.7923	41.6241	3.79866
12800	-4.3769	-2.1258	5.7255	1.2120	12.419	3.8015	41.5232	3.80801
12900	-4.3564	-2.1010	5.7278	1.2169	12.507	3.8104	41.4182	3.81699
13000	-4.3367	-2.0769	5.7300	1.2217	12.594	3.8189	41.3099	3.82559
13100	-4.3177	-2.0538	5.7321	1.2268	12.682	3.8270	41.1979	3.83383
13200	-4.2995	-2.0314	5.7342	1.2323	12.772	3.8348	41.0826	3.84172
13300	-4.2820	-2.0097	5.7363	1.2378	12.861	3.8422	40.9646	3.84925
13400	-4.2651	-1.9888	5.7382	1.2432	12.950	3.8493	40.8432	3.85645
13500	-4.2489	-1.9686	5.7401	1.2488	13.038	3.8561	40.7193	3.86331
13600	-4.2333	-1.9490	5.7420	1.2550	13.130	3.8625	40.5924	3.86985
13700	-4.2183	-1.9302	5.7438	1.2616	13.223	3.8686	40.4635	3.87607
13800	-4.2039	-1.9120	5.7455	1.2680	13.315	3.8745	40.3324	3.88197
13900	-4.1901	-1.8944	5.7472	1.2755	13.317	3.8800	40.1983	3.88756
14000	-4.1751	-1.8758	5.7490	1.2814	13.500	3.8849	40.0774	3.89255

S/R= 102.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14100	-4.1640	-1.8609	5.7505	1.3099	13.707	3.8902	39.9255	3.89798
14200	-4.1516	-1.8450	5.7520	1.2950	13.686	3.8949	39.7866	3.90255
14300	-4.1398	-1.8296	5.7535	1.3020	13.779	3.8993	39.6464	3.90714
14400	-4.1283	-1.8146	5.7550	1.3085	13.869	3.9035	39.5045	3.91140
14500	-4.1173	-1.8002	5.7564	1.3160	13.964	3.9075	39.3622	3.91542
14600	-4.1067	-1.7861	5.7578	1.3234	14.058	3.9113	39.2185	3.91921
14700	-4.0964	-1.7725	5.7592	1.3302	14.148	3.9148	39.0742	3.92279
14800	-4.0864	-1.7592	5.7605	1.3371	14.240	3.9182	38.9291	3.92617
14900	-4.0768	-1.7464	5.7618	1.3445	14.333	3.9213	38.7835	3.92936
15000	-4.0676	-1.7338	5.7631	1.3485	14.408	3.9243	38.6379	3.93236

S/R= 103.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7800	-6.9454	-5.0191	5.5074	1.0992	8.138	2.9537	41.2353	2.95394
7900	-6.8532	-4.9177	5.5146	1.0997	8.226	2.9783	41.4011	2.97864
8000	-6.7634	-4.8190	5.5218	1.1010	8.317	3.0028	41.5596	3.00315
8100	-6.6761	-4.7227	5.5287	1.1024	8.407	3.0270	41.7104	3.02743
8200	-6.5910	-4.6289	5.5356	1.1037	8.498	3.0510	41.8545	3.05149
8300	-6.5083	-4.5376	5.5422	1.1050	8.588	3.0748	41.9904	3.07533
8400	-6.4278	-4.4485	5.5488	1.1064	8.678	3.0984	42.1196	3.09893
8500	-6.3495	-4.3618	5.5552	1.1078	8.767	3.1217	42.2414	3.12229
8600	-6.2732	-4.2773	5.5614	1.1092	8.857	3.1447	42.3560	3.14541
8700	-6.1991	-4.1950	5.5675	1.1107	8.947	3.1675	42.4641	3.16827
8800	-6.1269	-4.1147	5.5735	1.1122	9.036	3.1901	42.5655	3.19090
8900	-6.0566	-4.0366	5.5794	1.1137	9.125	3.2124	42.6602	3.21327
9000	-5.9883	-3.9604	5.5852	1.1152	9.213	3.2344	42.7481	3.23535
9100	-5.9218	-3.8862	5.5908	1.1167	9.302	3.2561	42.8300	3.25721
9200	-5.8571	-3.8139	5.5963	1.1183	9.390	3.2776	42.9052	3.27877
9300	-5.7942	-3.7435	5.6017	1.1198	9.478	3.2988	42.9743	3.30004
9400	-5.7329	-3.6748	5.6070	1.1214	9.566	3.3197	43.0374	3.32107
9500	-5.6734	-3.6080	5.6121	1.1232	9.654	3.3403	43.0939	3.34180
9600	-5.6155	-3.5429	5.6172	1.1249	9.742	3.3606	43.1447	3.36222
9700	-5.5592	-3.4795	5.6222	1.1265	9.829	3.3807	43.1895	3.38236
9800	-5.5044	-3.4178	5.6270	1.1284	9.916	3.4004	43.2284	3.40221
9900	-5.4512	-3.3577	5.6317	1.1302	10.003	3.4198	43.2611	3.42173
10000	-5.3994	-3.2992	5.6364	1.1320	10.089	3.4389	43.2882	3.44094
10100	-5.3492	-3.2422	5.6409	1.1338	10.176	3.4577	43.3095	3.45985
10200	-5.3003	-3.1867	5.6453	1.1359	10.262	3.4761	43.3254	3.47844
10300	-5.2529	-3.1328	5.6497	1.1379	10.349	3.4942	43.3353	3.49666
10400	-5.2068	-3.0804	5.6539	1.1400	10.435	3.5119	43.3396	3.51457
10500	-5.1621	-3.0294	5.6581	1.1421	10.520	3.5294	43.3386	3.53215
10600	-5.1187	-2.9797	5.6621	1.1442	10.606	3.5465	43.3321	3.54939
10700	-5.0766	-2.9315	5.6661	1.1465	10.691	3.5632	43.3200	3.56625
10800	-5.0359	-2.8847	5.6699	1.1489	10.777	3.5795	43.3019	3.58276
10900	-4.9963	-2.8392	5.6737	1.1514	10.863	3.5955	43.2789	3.59889
11000	-4.9579	-2.7950	5.6774	1.1538	10.947	3.6112	43.2508	3.61469
11100	-4.9207	-2.7521	5.6810	1.1564	11.033	3.6264	43.2169	3.63012
11200	-4.8848	-2.7104	5.6845	1.1591	11.118	3.6413	43.1778	3.64514
11300	-4.8500	-2.6701	5.6879	1.1619	11.203	3.6558	43.1336	3.65978
11400	-4.8163	-2.6309	5.6912	1.1647	11.288	3.6699	43.0839	3.67403
11500	-4.7838	-2.5930	5.6945	1.1677	11.373	3.6836	43.0291	3.68791
11600	-4.7523	-2.5562	5.6976	1.1711	11.460	3.6969	42.9695	3.70138
11700	-4.7219	-2.5205	5.7007	1.1743	11.545	3.7098	42.9048	3.71445
11800	-4.6926	-2.4861	5.7037	1.1777	11.631	3.7224	42.8350	3.72711



S/R= 103.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11900	-4.6644	-2.4527	5.7066	1.1812	11.716	3.7345	42.7603	3.73938
12000	-4.6370	-2.4204	5.7094	1.1848	11.801	3.7462	42.6808	3.75126
12100	-4.6107	-2.3892	5.7122	1.1887	11.888	3.7575	42.5966	3.76272
12200	-4.5854	-2.3590	5.7148	1.1930	11.976	3.7684	42.5076	3.77377
12300	-4.5610	-2.3299	5.7174	1.1972	12.063	3.7790	42.4146	3.78442
12400	-4.5376	-2.3018	5.7199	1.2014	12.150	3.7891	42.3168	3.79466
12500	-4.5150	-2.2746	5.7224	1.2061	12.238	3.7988	42.2146	3.80450
12600	-4.4933	-2.2483	5.7247	1.2108	12.326	3.8081	42.1084	3.81394
12700	-4.4724	-2.2230	5.7270	1.2156	12.413	3.8170	41.9984	3.82299
12800	-4.4523	-2.1986	5.7293	1.2207	12.502	3.8256	41.8844	3.83165
12900	-4.4330	-2.1750	5.7314	1.2263	12.593	3.8338	41.7667	3.83995
13000	-4.4145	-2.1522	5.7335	1.2319	12.684	3.8416	41.6459	3.84787
13100	-4.3968	-2.1303	5.7355	1.2376	12.774	3.8490	41.5213	3.85541
13200	-4.3798	-2.1092	5.7375	1.2436	12.866	3.8561	41.3935	3.86257
13300	-4.3634	-2.0888	5.7394	1.2500	12.959	3.8628	41.2627	3.86938
13400	-4.3477	-2.0691	5.7413	1.2565	13.052	3.8692	41.1291	3.87585
13500	-4.3327	-2.0502	5.7430	1.2625	13.142	3.8753	40.9929	3.88199
13600	-4.3182	-2.0318	5.7448	1.2694	13.237	3.8810	40.8542	3.88781
13700	-4.3043	-2.0142	5.7465	1.2767	13.333	3.8865	40.7139	3.89332
13800	-4.2910	-1.9971	5.7481	1.2835	13.426	3.8916	40.5714	3.89853
13900	-4.2782	-1.9806	5.7497	1.2709	13.416	3.8965	40.4265	3.90345
14000	-4.2641	-1.9630	5.7514	1.2979	13.614	3.9008	40.2959	3.90782
14100	-4.2540	-1.9493	5.7527	1.3309	13.844	3.9054	40.1327	3.91248
14200	-4.2426	-1.9343	5.7542	1.3127	13.805	3.9095	39.9837	3.91661
14300	-4.2316	-1.9199	5.7556	1.3205	13.901	3.9134	39.8337	3.92049
14400	-4.2210	-1.9059	5.7570	1.3276	13.994	3.9170	39.6835	3.92416
14500	-4.2108	-1.8923	5.7583	1.3352	14.089	3.9204	39.5321	3.92760
14600	-4.2010	-1.8791	5.7596	1.3431	14.185	3.9236	39.3797	3.93083
14700	-4.1915	-1.8663	5.7609	1.3502	14.276	3.9266	39.2274	3.93387
14800	-4.1823	-1.8538	5.7622	1.3571	14.366	3.9295	39.0748	3.93673
14900	-4.1733	-1.8417	5.7634	1.3647	14.460	3.9322	38.9219	3.93942
15000	-4.1647	-1.8299	5.7646	1.3690	14.535	3.9347	38.7690	3.94194

S/R= 104.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7800	-6.9871	-5.0561	5.5152	1.0992	8.181	2.9852	41.9819	2.98545
7900	-6.8948	-4.9547	5.5224	1.0998	8.270	3.0101	42.1463	3.01043
8000	-6.8050	-4.8560	5.5295	1.1011	8.361	3.0349	42.3022	3.03521
8100	-6.7178	-4.7598	5.5364	1.1025	8.452	3.0593	42.4506	3.05974
8200	-6.6329	-4.6661	5.5431	1.1038	8.543	3.0836	42.5914	3.08403
8300	-6.5503	-4.5749	5.5498	1.1052	8.634	3.1076	42.7245	3.10809
8400	-6.4699	-4.4861	5.5562	1.1066	8.725	3.1314	42.8505	3.13191
8500	-6.3918	-4.3995	5.5626	1.1080	8.815	3.1549	42.9687	3.15546
8600	-6.3158	-4.3153	5.5688	1.1094	8.905	3.1781	43.0798	3.17877
8700	-6.2419	-4.2332	5.5748	1.1110	8.995	3.2011	43.1838	3.20181
8800	-6.1700	-4.1533	5.5808	1.1125	9.085	3.2238	43.2805	3.22458
8900	-6.1001	-4.0755	5.5866	1.1140	9.174	3.2462	43.3713	3.24709
9000	-6.0321	-3.9997	5.5923	1.1156	9.263	3.2683	43.4545	3.26930
9100	-5.9660	-3.9258	5.5979	1.1171	9.352	3.2902	43.5312	3.29125
9200	-5.9017	-3.8540	5.6033	1.1187	9.441	3.3118	43.6015	3.31291
9300	-5.8392	-3.7840	5.6086	1.1204	9.530	3.3330	43.6650	3.33426
9400	-5.7784	-3.7159	5.6138	1.1221	9.618	3.3540	43.7222	3.35532
9500	-5.7193	-3.6495	5.6189	1.1238	9.706	3.3746	43.7733	3.37609
9600	-5.6619	-3.5850	5.6239	1.1256	9.794	3.3950	43.8176	3.39653

S/R= 104.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9700	-5.6062	-3.5222	5.6288	1.1274	9.882	3.4150	43.8558	3.41664
9800	-5.5520	-3.4610	5.6336	1.1292	9.970	3.4347	43.8878	3.43646
9900	-5.4994	-3.4015	5.6382	1.1311	10.057	3.4540	43.9139	3.45594
10000	-5.4483	-3.3437	5.5428	1.1331	10.144	3.4731	43.9337	3.47509
10100	-5.3987	-3.2875	5.6473	1.1351	10.231	3.4917	43.9473	3.49386
10200	-5.3505	-3.2328	5.6515	1.1371	10.318	3.5101	43.9555	3.51233
10300	-5.3038	-3.1796	5.6559	1.1393	10.405	3.5280	43.9572	3.53043
10400	-5.2585	-3.1280	5.6600	1.1415	10.492	3.5456	43.9531	3.54818
10500	-5.2147	-3.0778	5.6641	1.1439	10.578	3.5628	43.9429	3.56553
10600	-5.1721	-3.0291	5.6680	1.1460	10.664	3.5797	43.9274	3.58254
10700	-5.1308	-2.9818	5.5719	1.1483	10.749	3.5962	43.9058	3.59917
10800	-5.0909	-2.9358	5.6757	1.1510	10.836	3.6123	43.8784	3.61541
10900	-5.0523	-2.8913	5.6794	1.1538	10.923	3.6280	43.8453	3.63124
11000	-5.0149	-2.8492	5.6829	1.1564	11.008	3.6433	43.8061	3.64667
11100	-4.9788	-2.8063	5.6864	1.1591	11.094	3.6582	43.7620	3.66174
11200	-4.9438	-2.7658	5.6898	1.1621	11.181	3.6727	43.7119	3.67638
11300	-4.9101	-2.7265	5.6931	1.1653	11.267	3.6868	43.6566	3.69060
11400	-4.8775	-2.6885	5.6963	1.1683	11.353	3.7004	43.5954	3.70440
11500	-4.8461	-2.6517	5.6995	1.1717	11.439	3.7137	43.5284	3.71780
11600	-4.8158	-2.6162	5.7025	1.1753	11.526	3.7265	43.4567	3.73076
11700	-4.7865	-2.5817	5.7055	1.1789	11.613	3.7389	43.3800	3.74331
11800	-4.7584	-2.5485	5.7083	1.1827	11.700	3.7509	43.2976	3.75542
11900	-4.7313	-2.5164	5.7111	1.1866	11.787	3.7625	43.2101	3.76710
12000	-4.7052	-2.4854	5.7138	1.1907	11.874	3.7736	43.1176	3.77836
12100	-4.6802	-2.4556	5.7165	1.1950	11.962	3.7843	43.0201	3.78919
12200	-4.6561	-2.4267	5.7190	1.1997	12.051	3.7946	42.9185	3.79960
12300	-4.6330	-2.3989	5.7215	1.2044	12.140	3.8044	42.8118	3.80958
12400	-4.6107	-2.3721	5.7239	1.2093	12.229	3.8139	42.7009	3.81916
12500	-4.5894	-2.3463	5.7262	1.2146	12.320	3.8229	42.5858	3.82831
12600	-4.5690	-2.3214	5.7284	1.2199	12.410	3.8316	42.4659	3.83703
12700	-4.5494	-2.2974	5.7306	1.2254	12.501	3.8398	42.3422	3.84536
12800	-4.5306	-2.2743	5.7327	1.2312	12.592	3.8476	42.2150	3.85328
12900	-4.5126	-2.2521	5.7347	1.2376	12.686	3.8551	42.0841	3.86083
13000	-4.4953	-2.2307	5.7367	1.2437	12.779	3.8622	41.9499	3.86800
13100	-4.4783	-2.2101	5.7386	1.2501	12.872	3.8689	41.8124	3.87480
13200	-4.4630	-2.1902	5.7404	1.2568	12.966	3.8753	41.6719	3.88123
13300	-4.4478	-2.1711	5.7422	1.2637	13.061	3.8813	41.5288	3.88733
13400	-4.4332	-2.1526	5.7439	1.2711	13.158	3.8870	41.3835	3.89309
13500	-4.4193	-2.1349	5.7455	1.2780	13.252	3.8924	41.2355	3.89853
13600	-4.4059	-2.1177	5.7472	1.2853	13.347	3.8975	41.0858	3.90366
13700	-4.3931	-2.1012	5.7488	1.2932	13.446	3.9022	40.9336	3.90848
13800	-4.3807	-2.0852	5.7503	1.3013	13.545	3.9067	40.7801	3.91301
13900	-4.3689	-2.0698	5.7518	1.2860	13.521	3.9110	40.6247	3.91726
14000	-4.3558	-2.0531	5.7534	1.3168	13.737	3.9147	40.4847	3.92104
14100	-4.3467	-2.0404	5.7546	1.3550	13.992	3.9186	40.3113	3.92503
14200	-4.3361	-2.0265	5.7560	1.3322	13.929	3.9222	40.1535	3.92856
14300	-4.3260	-2.0129	5.7573	1.3400	14.025	3.9254	39.9945	3.93187
14400	-4.3162	-1.9997	5.7586	1.3479	14.121	3.9285	39.8354	3.93499
14500	-4.3067	-1.9870	5.7599	1.3560	14.218	3.9314	39.6762	3.93789
14600	-4.2976	-1.9746	5.7611	1.3633	14.310	3.9341	39.5162	3.94061
14700	-4.2888	-1.9625	5.7623	1.3702	14.400	3.9367	39.3566	3.94318
14800	-4.2802	-1.9507	5.7635	1.3772	14.490	3.9391	39.1971	3.94557
14900	-4.2719	-1.9392	5.7647	1.3848	14.583	3.9413	39.0378	3.94782
15000	-4.2638	-1.9280	5.7658	1.3887	14.656	3.9434	38.8791	3.94992

S/R= 105.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7900	-6.9359	-4.9913	5.5300	1.1004	8.316	3.0419	42.8914	3.04221
8000	-6.8463	-4.8927	5.5370	1.1012	8.405	3.0669	43.0444	3.06724
8100	-6.7592	-4.7967	5.5439	1.1026	8.497	3.0916	43.1896	3.09200
8200	-6.6744	-4.7031	5.5505	1.1040	8.589	3.1161	43.3275	3.11653
8300	-6.5920	-4.6121	5.5571	1.1054	8.680	3.1403	43.4569	3.14079
8400	-6.5119	-4.5235	5.5636	1.1068	8.771	3.1643	43.5790	3.16481
8500	-6.4340	-4.4372	5.5698	1.1083	8.862	3.1879	43.6934	3.18854
8600	-6.3583	-4.3533	5.5760	1.1098	8.952	3.2113	43.8005	3.21201
8700	-6.2847	-4.2715	5.5820	1.1113	9.043	3.2345	43.9001	3.23520
8800	-6.2131	-4.1919	5.5879	1.1128	9.133	3.2573	43.9926	3.25810
8900	-6.1436	-4.1145	5.5936	1.1144	9.223	3.2798	44.0780	3.28072
9000	-6.0760	-4.0391	5.5992	1.1160	9.313	3.3021	44.1561	3.30305
9100	-6.0103	-3.9657	5.6047	1.1176	9.402	3.3240	44.2274	3.32506
9200	-5.9464	-3.8943	5.6101	1.1193	9.492	3.3457	44.2919	3.34678
9300	-5.8844	-3.8248	5.6154	1.1210	9.581	3.3670	44.3499	3.36818
9400	-5.8242	-3.7573	5.6205	1.1227	9.670	3.3879	44.4009	3.38926
9500	-5.7657	-3.6915	5.6255	1.1245	9.758	3.4086	44.4449	3.41001
9600	-5.7088	-3.6275	5.6305	1.1264	9.847	3.4289	44.4832	3.43045
9700	-5.6537	-3.5654	5.6353	1.1283	9.935	3.4489	44.5143	3.45053
9800	-5.6002	-3.5050	5.6400	1.1302	10.023	3.4685	44.5389	3.47024
9900	-5.5482	-3.4462	5.6446	1.1322	10.111	3.4878	44.5573	3.48965
10000	-5.4978	-3.3891	5.6490	1.1343	10.199	3.5067	44.5693	3.50870
10100	-5.4490	-3.3336	5.6534	1.1364	10.286	3.5252	44.5746	3.52733
10200	-5.4017	-3.2798	5.6577	1.1386	10.373	3.5434	44.5738	3.54561
10300	-5.3558	-3.2275	5.6618	1.1408	10.461	3.5612	44.5665	3.56352
10400	-5.3113	-3.1767	5.6659	1.1432	10.548	3.5786	44.5532	3.58105
10500	-5.2683	-3.1275	5.6699	1.1457	10.635	3.5956	44.5338	3.59817
10600	-5.2267	-3.0797	5.6737	1.1481	10.722	3.6121	44.5075	3.61488
10700	-5.1864	-3.0335	5.6775	1.1507	10.808	3.6283	44.4759	3.63118
10800	-5.1474	-2.9886	5.6812	1.1535	10.896	3.6441	44.4379	3.64710
10900	-5.1098	-2.9451	5.6847	1.1565	10.983	3.6594	44.3937	3.66257
11000	-5.0735	-2.9031	5.6882	1.1593	11.069	3.6743	44.3439	3.67761
11100	-5.0385	-2.8624	5.6916	1.1624	11.156	3.6888	44.2879	3.69224
11200	-5.0046	-2.8230	5.6949	1.1656	11.243	3.7029	44.2261	3.70642
11300	-4.9720	-2.7850	5.6981	1.1690	11.331	3.7165	44.1579	3.72016
11400	-4.9406	-2.7482	5.7012	1.1725	11.418	3.7297	44.0842	3.73345
11500	-4.9104	-2.7127	5.7042	1.1763	11.506	3.7424	44.0049	3.74629
11600	-4.8813	-2.6785	5.7071	1.1802	11.594	3.7546	43.9204	3.75868
11700	-4.8534	-2.6454	5.7100	1.1842	11.682	3.7665	43.8299	3.77063
11800	-4.8265	-2.6135	5.7127	1.1884	11.770	3.7778	43.7343	3.78212
11900	-4.8007	-2.5828	5.7154	1.1928	11.859	3.7888	43.6333	3.79317
12000	-4.7759	-2.5532	5.7179	1.1977	11.949	3.7993	43.5271	3.80377
12100	-4.7522	-2.5247	5.7204	1.2025	12.039	3.8093	43.4160	3.81390
12200	-4.7294	-2.4973	5.7228	1.2076	12.130	3.8189	43.2998	3.82359
12300	-4.7076	-2.4709	5.7252	1.2130	12.221	3.8280	43.1791	3.83285
12400	-4.6868	-2.4455	5.7274	1.2186	12.313	3.8368	43.0538	3.84167
12500	-4.6667	-2.4211	5.7296	1.2244	12.405	3.8451	42.9249	3.85008
12600	-4.6476	-2.3976	5.7317	1.2304	12.498	3.8530	42.7915	3.85807
12700	-4.6293	-2.3750	5.7338	1.2366	12.591	3.8605	42.6546	3.86566
12800	-4.6118	-2.3533	5.7357	1.2431	12.686	3.8676	42.5139	3.87284
12900	-4.5950	-2.3324	5.7375	1.2504	12.784	3.8743	42.3699	3.87963
13000	-4.5790	-2.3123	5.7395	1.2576	12.881	3.8807	42.2223	3.88604
13100	-4.5637	-2.2930	5.7413	1.2649	12.977	3.8867	42.0719	3.89209
13200	-4.5491	-2.2744	5.7430	1.2721	13.073	3.8923	41.9191	3.89779
13300	-4.5350	-2.2565	5.7446	1.2797	13.171	3.8976	41.7635	3.90314

S/R= 105.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13400	-4.5216	-2.2393	5.7463	1.2877	13.270	3.9026	41.6067	3.90819
13500	-4.5087	-2.2227	5.7478	1.2955	13.368	3.9073	41.4471	3.91293
13600	-4.4964	-2.2066	5.7493	1.3035	13.466	3.9117	41.2863	3.91737
13700	-4.4846	-2.1912	5.7508	1.3116	13.565	3.9159	41.1234	3.92154
13800	-4.4732	-2.1762	5.7522	1.3203	13.666	3.9197	40.9596	3.92544
13900	-4.4623	-2.1618	5.7536	1.3215	13.623	3.9234	40.7953	3.92909
14000	-4.4500	-2.1460	5.7551	1.3366	13.861	3.9265	40.6461	3.93231
14100	-4.4417	-2.1343	5.7563	1.3812	14.147	3.9299	40.4637	3.93570
14200	-4.4320	-2.1211	5.7576	1.3528	14.056	3.9329	40.2969	3.93868
14300	-4.4226	-2.1084	5.7588	1.3609	14.152	3.9357	40.1305	3.94147
14400	-4.4135	-2.0960	5.7600	1.3586	14.247	3.9383	39.9635	3.94408
14500	-4.4047	-2.0839	5.7612	1.3769	14.344	3.9407	39.7968	3.94652
14600	-4.3962	-2.0722	5.7624	1.3842	14.435	3.9430	39.6303	3.94878
14700	-4.3880	-2.0608	5.7635	1.3909	14.523	3.9451	39.4647	3.95092
14800	-4.3800	-2.0496	5.7645	1.3970	14.608	3.9471	39.2993	3.95290
14900	-4.3722	-2.0386	5.7657	1.4041	14.698	3.9489	39.1343	3.95477
15000	-4.3646	-2.0279	5.7668	1.4080	14.771	3.9507	38.9706	3.95651

S/R= 106.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7900	-6.9768	-5.0277	5.5375	1.1005	8.359	3.0737	43.6352	3.07396
8000	-6.8873	-4.9291	5.5444	1.1013	8.450	3.0989	43.7854	3.09922
8100	-6.8003	-4.8333	5.5512	1.1028	8.542	3.1238	43.9272	3.12420
8200	-6.7158	-4.7400	5.5579	1.1042	8.634	3.1485	44.0614	3.14894
8300	-6.6336	-4.6492	5.5644	1.1056	8.726	3.1729	44.1873	3.17340
8400	-6.5537	-4.5609	5.5707	1.1070	8.817	3.1971	44.3054	3.19759
8500	-6.4761	-4.4749	5.5770	1.1086	8.909	3.2209	44.4155	3.22150
8600	-6.4008	-4.3913	5.5830	1.1101	9.000	3.2444	44.5177	3.24509
8700	-6.3275	-4.3099	5.5890	1.1116	9.091	3.2677	44.6128	3.26842
8800	-6.2563	-4.2307	5.5948	1.1132	9.181	3.2907	44.7004	3.29144
8900	-6.1872	-4.1537	5.6005	1.1149	9.272	3.3133	44.7803	3.31414
9000	-6.1200	-4.0788	5.6060	1.1165	9.362	3.3356	44.8527	3.33654
9100	-6.0548	-4.0059	5.6115	1.1182	9.452	3.3576	44.9183	3.35862
9200	-5.9915	-3.9351	5.6168	1.1199	9.542	3.3792	44.9765	3.38034
9300	-5.9300	-3.8661	5.6220	1.1217	9.631	3.4006	45.0279	3.40177
9400	-5.8703	-3.7991	5.6270	1.1235	9.721	3.4216	45.0725	3.42285
9500	-5.8125	-3.7341	5.6320	1.1253	9.810	3.4422	45.1092	3.44355
9600	-5.7563	-3.6708	5.6368	1.1273	9.899	3.4624	45.1400	3.46393
9700	-5.7018	-3.6093	5.6416	1.1293	9.988	3.4823	45.1636	3.48394
9800	-5.6490	-3.5497	5.6462	1.1314	10.076	3.5019	45.1801	3.50356
9900	-5.5979	-3.4917	5.6507	1.1335	10.165	3.5210	45.1898	3.52279
10000	-5.5482	-3.4354	5.6551	1.1356	10.253	3.5398	45.1931	3.54169
10100	-5.5002	-3.3808	5.6594	1.1378	10.340	3.5581	45.1897	3.56016
10200	-5.4537	-3.3279	5.6635	1.1403	10.429	3.5761	45.1793	3.57822
10300	-5.4088	-3.2766	5.6675	1.1427	10.517	3.5936	45.1624	3.59586
10400	-5.3653	-3.2268	5.6715	1.1450	10.604	3.6107	45.1388	3.61311
10500	-5.3232	-3.1786	5.6755	1.1478	10.692	3.6274	45.1087	3.62994
10600	-5.2826	-3.1319	5.6792	1.1505	10.780	3.6437	45.0719	3.64632
10700	-5.2434	-3.0867	5.6829	1.1533	10.867	3.6595	45.0288	3.66225
10800	-5.2055	-3.0430	5.6864	1.1564	10.955	3.6749	44.9794	3.67775
10900	-5.1690	-3.0008	5.6899	1.1594	11.043	3.6898	44.9235	3.69279
11000	-5.1339	-2.9599	5.6933	1.1627	11.131	3.7042	44.8609	3.70738
11100	-5.1000	-2.9205	5.6965	1.1662	11.219	3.7183	44.7923	3.72151
11200	-5.0674	-2.8824	5.6997	1.1697	11.307	3.7318	44.7175	3.73516

S/R= 106.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11300	-5.0361	-2.8457	5.7028	1.1735	11.395	3.7449	44.6365	3.74834
11400	-5.0059	-2.8103	5.7057	1.1774	11.484	3.7574	44.5493	3.76105
11500	-4.9770	-2.7761	5.7086	1.1816	11.573	3.7696	44.4562	3.77328
11600	-4.9493	-2.7433	5.7114	1.1860	11.663	3.7812	44.3576	3.78504
11700	-4.9226	-2.7117	5.7141	1.1906	11.753	3.7924	44.2528	3.79631
11800	-4.8972	-2.6813	5.7167	1.1953	11.843	3.8031	44.1429	3.80711
11900	-4.8727	-2.6520	5.7193	1.2002	11.934	3.8133	44.0273	3.81744
12000	-4.8493	-2.6239	5.7217	1.2056	12.027	3.8231	43.9068	3.82731
12100	-4.8269	-2.5968	5.7241	1.2111	12.119	3.8324	43.7814	3.83672
12200	-4.8055	-2.5708	5.7264	1.2168	12.212	3.8413	43.6515	3.84568
12300	-4.7851	-2.5459	5.7286	1.2231	12.306	3.8497	43.5160	3.85417
12400	-4.7656	-2.5220	5.7307	1.2296	12.402	3.8577	43.3765	3.86222
12500	-4.7470	-2.4990	5.7327	1.2360	12.496	3.8652	43.2333	3.86984
12600	-4.7292	-2.4770	5.7347	1.2428	12.593	3.8724	43.0855	3.87704
12700	-4.7122	-2.4558	5.7366	1.2501	12.690	3.8791	42.9345	3.88384
12800	-4.6960	-2.4354	5.7385	1.2570	12.786	3.8854	42.7804	3.89025
12900	-4.6804	-2.4159	5.7402	1.2648	12.885	3.8914	42.6225	3.89628
13000	-4.6656	-2.3971	5.7420	1.2731	12.987	3.8970	42.4625	3.90195
13100	-4.6515	-2.3791	5.7436	1.2811	13.087	3.9023	42.3006	3.90727
13200	-4.6380	-2.3617	5.7452	1.2891	13.186	3.9073	42.1350	3.91225
13300	-4.6251	-2.3450	5.7468	1.2973	13.285	3.9119	41.9682	3.91692
13400	-4.6127	-2.3289	5.7483	1.3060	13.387	3.9162	41.7997	3.92128
13500	-4.6009	-2.3134	5.7497	1.3148	13.490	3.9203	41.6297	3.92536
13600	-4.5895	-2.2984	5.7512	1.3234	13.590	3.9240	41.4584	3.92916
13700	-4.5786	-2.2839	5.7525	1.3316	13.688	3.9276	41.2858	3.93270
13800	-4.5681	-2.2699	5.7539	1.3410	13.792	3.9309	41.1126	3.93601
13900	-4.5581	-2.2564	5.7552	1.3182	13.729	3.9339	40.9397	3.93909
14000	-4.5465	-2.2414	5.7566	1.3578	13.989	3.9366	40.7828	3.94180
14100	-4.5390	-2.2305	5.7577	1.4090	14.306	3.9394	40.5916	3.94464
14200	-4.5300	-2.2181	5.7589	1.3740	14.182	3.9419	40.4174	3.94714
14300	-4.5213	-2.2061	5.7600	1.3820	14.277	3.9443	40.2438	3.94946
14400	-4.5128	-2.1944	5.7612	1.3891	14.368	3.9464	40.0701	3.95163
14500	-4.5046	-2.1829	5.7623	1.3977	14.466	3.9484	39.8974	3.95365
14600	-4.4966	-2.1718	5.7634	1.4044	14.554	3.9503	39.7254	3.95553
14700	-4.4889	-2.1609	5.7645	1.4098	14.635	3.9521	39.5540	3.95729
14800	-4.4813	-2.1502	5.7656	1.4157	14.718	3.9537	39.3837	3.95894
14900	-4.4739	-2.1397	5.7666	1.4221	14.804	3.9553	39.2142	3.96048
15000	-4.4667	-2.1295	5.7677	1.4256	14.875	3.9567	39.0461	3.96192

S/R= 107.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8000	-6.9280	-4.9654	5.5517	1.1023	8.497	3.1308	44.5250	3.13115
8100	-6.8413	-4.8698	5.5584	1.1030	8.587	3.1559	44.6632	3.15633
8200	-6.7570	-4.7768	5.5650	1.1044	8.679	3.1808	44.7933	3.18126
8300	-6.6751	-4.6863	5.5715	1.1058	8.771	3.2054	44.9154	3.20590
8400	-6.5955	-4.5982	5.5778	1.1073	8.863	3.2297	45.0285	3.23023
8500	-6.5183	-4.5126	5.5839	1.1089	8.955	3.2537	45.1342	3.25429
8600	-6.4433	-4.4294	5.5899	1.1105	9.047	3.2774	45.2315	3.27803
8700	-6.3704	-4.3484	5.5958	1.1121	9.138	3.3007	45.3210	3.30144
8800	-6.2997	-4.2697	5.6016	1.1137	9.229	3.3238	45.4037	3.32456
8900	-6.2310	-4.1932	5.6072	1.1154	9.320	3.3465	45.4772	3.34732
9000	-6.1644	-4.1188	5.6127	1.1171	9.411	3.3688	45.5437	3.36975
9100	-6.0997	-4.0465	5.6180	1.1188	9.501	3.3909	45.6031	3.39187
9200	-6.0370	-3.9762	5.6233	1.1206	9.592	3.4125	45.6547	3.41360

S/R= 107.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9300	-5.9761	-3.9080	5.6284	1.1225	9.682	3.4338	45.5987	3.43498
9400	-5.9171	-3.8417	5.6334	1.1244	9.772	3.4548	45.7359	3.45603
9500	-5.8599	-3.7773	5.6383	1.1263	9.861	3.4753	45.7650	3.47668
9600	-5.8045	-3.7148	5.6430	1.1284	9.951	3.4955	45.7870	3.49692
9700	-5.7507	-3.6541	5.6477	1.1305	10.040	3.5153	45.8026	3.51682
9800	-5.6987	-3.5953	5.6522	1.1326	10.129	3.5347	45.8105	3.53630
9900	-5.6484	-3.5382	5.6566	1.1349	10.218	3.5536	45.8111	3.55537
10000	-5.5997	-3.4829	5.6609	1.1372	10.307	3.5721	45.8044	3.57401
10100	-5.5526	-3.4293	5.6651	1.1395	10.395	3.5903	45.7911	3.59225
10200	-5.5070	-3.3773	5.6692	1.1421	10.484	3.6080	45.7704	3.61006
10300	-5.4631	-3.3270	5.6732	1.1448	10.573	3.6252	45.7431	3.62740
10400	-5.4206	-3.2784	5.6770	1.1474	10.660	3.6420	45.7078	3.64430
10500	-5.3796	-3.2313	5.6808	1.1503	10.749	3.6583	45.6667	3.66075
10600	-5.3401	-3.1858	5.6844	1.1533	10.838	3.6742	45.6180	3.67674
10700	-5.3020	-3.1418	5.6880	1.1563	10.926	3.6896	45.5629	3.69224
10800	-5.2654	-3.0994	5.6914	1.1597	11.015	3.7045	45.5007	3.70727
10900	-5.2301	-3.0584	5.6948	1.1631	11.104	3.7189	45.4316	3.72181
11000	-5.1962	-3.0189	5.6980	1.1665	11.192	3.7329	45.3559	3.73586
11100	-5.1636	-2.9808	5.7012	1.1706	11.282	3.7463	45.2736	3.74943
11200	-5.1324	-2.9442	5.7042	1.1745	11.372	3.7593	45.1849	3.76248
11300	-5.1024	-2.9089	5.7072	1.1787	11.462	3.7717	45.0896	3.77503
11400	-5.0736	-2.8750	5.7100	1.1832	11.552	3.7837	44.9878	3.78708
11500	-5.0461	-2.8423	5.7128	1.1878	11.643	3.7951	44.8804	3.79864
11600	-5.0197	-2.8109	5.7154	1.1926	11.734	3.8061	44.7670	3.80970
11700	-4.9945	-2.7808	5.7180	1.1979	11.827	3.8166	44.6475	3.82027
11800	-4.9705	-2.7519	5.7205	1.2034	11.920	3.8265	44.5222	3.83031
11900	-4.9475	-2.7242	5.7229	1.2089	12.013	3.8360	44.3918	3.83987
12000	-4.9255	-2.6976	5.7252	1.2151	12.108	3.8450	44.2560	3.84896
12100	-4.9046	-2.6721	5.7274	1.2214	12.204	3.8536	44.1150	3.85756
12200	-4.8846	-2.6476	5.7295	1.2278	12.299	3.8616	43.9701	3.86572
12300	-4.8656	-2.6242	5.7316	1.2346	12.396	3.8693	43.8201	3.87342
12400	-4.8475	-2.6017	5.7336	1.2419	12.494	3.8765	43.6665	3.88068
12500	-4.8301	-2.5802	5.7355	1.2492	12.592	3.8833	43.5087	3.88753
12600	-4.8137	-2.5595	5.7373	1.2571	12.693	3.8896	43.3477	3.89395
12700	-4.7980	-2.5397	5.7391	1.2653	12.795	3.8956	43.1833	3.89999
12800	-4.7830	-2.5207	5.7408	1.2730	12.893	3.9012	43.0157	3.90562
12900	-4.7687	-2.5025	5.7425	1.2814	12.995	3.9065	42.8452	3.91090
13000	-4.7551	-2.4850	5.7441	1.2909	13.101	3.9113	42.6726	3.91582
13100	-4.7421	-2.4682	5.7456	1.2997	13.204	3.9159	42.4983	3.92043
13200	-4.7297	-2.4520	5.7471	1.3082	13.305	3.9202	42.3218	3.92472
13300	-4.7178	-2.4364	5.7485	1.3170	13.407	3.9242	42.1443	3.92872
13400	-4.7064	-2.4213	5.7500	1.3266	13.512	3.9279	41.9650	3.93244
13500	-4.6955	-2.4068	5.7514	1.3355	13.614	3.9313	41.7850	3.93590
13600	-4.6850	-2.3927	5.7527	1.3438	13.712	3.9345	41.6044	3.93912
13700	-4.6750	-2.3792	5.7540	1.3528	13.814	3.9375	41.4232	3.94210
13800	-4.6653	-2.3660	5.7552	1.3625	13.919	3.9402	41.2417	3.94488
13900	-4.6560	-2.3533	5.7564	1.3746	14.030	3.9428	41.0602	3.94746
14000	-4.6450	-2.3390	5.7578	1.3794	14.115	3.9450	40.8967	3.94971
14100	-4.6383	-2.3289	5.7588	1.4383	14.468	3.9474	40.6980	3.95207
14200	-4.6299	-2.3172	5.7599	1.3950	14.303	3.9495	40.5176	3.95414
14300	-4.6217	-2.3058	5.7610	1.4025	14.396	3.9514	40.3378	3.95606
14400	-4.6138	-2.2946	5.7621	1.4093	14.484	3.9532	40.1588	3.95784
14500	-4.6061	-2.2837	5.7632	1.4173	14.578	3.9548	39.9806	3.95950
14600	-4.5986	-2.2730	5.7643	1.4232	14.662	3.9564	39.8038	3.96106
14700	-4.5912	-2.2626	5.7653	1.4273	14.736	3.9579	39.6281	3.96251

S/R= 107.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	1/RT	Z*
14800	-4.5840	-2.2523	5.7653	1.4328	14.817	3.9592	39.4535	3.96387
14900	-4.5770	-2.2422	5.7674	1.4382	14.898	3.9605	39.2807	3.96515
15000	-4.5701	-2.2322	5.7684	1.4409	14.963	3.9617	39.1090	3.96634

S/R= 108.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	1/RT	Z*
8000	-6.9687	-5.0017	5.5588	1.1024	8.540	3.1626	45.2626	3.16299
8100	-6.8821	-4.9063	5.5655	1.1031	8.631	3.1880	45.3968	3.18836
8200	-6.7981	-4.8135	5.5720	1.1046	8.724	3.2130	45.5229	3.21347
8300	-6.7165	-4.7234	5.5784	1.1061	8.816	3.2378	45.6400	3.23827
8400	-6.6373	-4.6357	5.5847	1.1076	8.909	3.2622	45.7487	3.26275
8500	-6.5605	-4.5505	5.5907	1.1093	9.002	3.2863	45.8488	3.28691
8600	-6.4859	-4.4677	5.5967	1.1109	9.094	3.3101	45.9409	3.31075
8700	-6.4135	-4.3872	5.6025	1.1125	9.186	3.3335	46.0250	3.33424
8800	-6.3433	-4.3090	5.6082	1.1142	9.277	3.3566	46.1008	3.35742
8900	-6.2751	-4.2331	5.6137	1.1160	9.369	3.3794	46.1684	3.38023
9000	-6.2091	-4.1593	5.6192	1.1177	9.460	3.4017	46.2282	3.40266
9100	-6.1450	-4.0876	5.6244	1.1195	9.550	3.4238	46.2805	3.42477
9200	-6.0829	-4.0180	5.6296	1.1214	9.641	3.4454	46.3250	3.44649
9300	-6.0228	-3.9505	5.6346	1.1234	9.732	3.4667	46.3611	3.46780
9400	-5.9644	-3.8849	5.6396	1.1254	9.822	3.4875	46.3897	3.48875
9500	-5.9080	-3.8213	5.6443	1.1274	9.912	3.5080	46.4111	3.50930
9600	-5.8533	-3.7597	5.6490	1.1296	10.002	3.5280	46.4244	3.52942
9700	-5.8005	-3.7000	5.6536	1.1318	10.092	3.5476	46.4300	3.54911
9800	-5.7494	-3.6420	5.6580	1.1340	10.181	3.5668	46.4285	3.56840
9900	-5.6999	-3.5859	5.6623	1.1364	10.271	3.5855	46.4193	3.58725
10000	-5.6522	-3.5316	5.6665	1.1391	10.361	3.6038	46.4021	3.60564
10100	-5.6061	-3.4790	5.6706	1.1415	10.449	3.6216	46.3776	3.62355
10200	-5.5616	-3.4282	5.6746	1.1442	10.539	3.6390	46.3460	3.64103
10300	-5.5187	-3.3791	5.6785	1.1472	10.629	3.6559	46.3066	3.65802
10400	-5.4774	-3.3316	5.6822	1.1500	10.717	3.6723	46.2590	3.67453
10500	-5.4376	-3.2858	5.6859	1.1532	10.806	3.6882	46.2059	3.69054
10600	-5.3994	-3.2416	5.6894	1.1564	10.896	3.7036	46.1444	3.70604
10700	-5.3625	-3.1989	5.6929	1.1598	10.985	3.7185	46.0755	3.72105
10800	-5.3272	-3.1578	5.6962	1.1636	11.076	3.7329	45.9996	3.73555
10900	-5.2933	-3.1183	5.6994	1.1675	11.166	3.7468	45.9167	3.74951
11000	-5.2607	-3.0803	5.7025	1.1714	11.256	3.7601	45.8268	3.76295
11100	-5.2295	-3.0437	5.7055	1.1755	11.346	3.7729	45.7298	3.77588
11200	-5.1997	-3.0085	5.7084	1.1800	11.437	3.7853	45.6260	3.78828
11300	-5.1711	-2.9748	5.7112	1.1850	11.530	3.7970	45.5155	3.80014
11400	-5.1439	-2.9424	5.7140	1.1899	11.623	3.8083	45.3988	3.81146
11500	-5.1178	-2.9113	5.7165	1.1951	11.716	3.8190	45.2756	3.82227
11600	-5.0930	-2.8815	5.7191	1.2007	11.810	3.8292	45.1460	3.83255
11700	-5.0692	-2.8530	5.7215	1.2066	11.904	3.8389	45.0110	3.84233
11800	-5.0467	-2.8257	5.7238	1.2126	11.999	3.8481	44.8705	3.85159
11900	-5.0251	-2.7995	5.7261	1.2189	12.095	3.8568	44.7245	3.86036
12000	-5.0046	-2.7745	5.7283	1.2261	12.194	3.8650	44.5738	3.86865
12100	-4.9852	-2.7505	5.7303	1.2335	12.294	3.8727	44.4175	3.87644
12200	-4.9667	-2.7276	5.7323	1.2407	12.393	3.8800	44.2574	3.88376
12300	-4.9490	-2.7057	5.7343	1.2484	12.493	3.8868	44.0927	3.89065
12400	-4.9323	-2.6847	5.7361	1.2566	12.595	3.8932	43.9244	3.89710
12500	-4.9163	-2.6646	5.7379	1.2647	12.696	3.8992	43.7527	3.90314
12600	-4.9012	-2.6453	5.7396	1.2735	12.800	3.9048	43.5779	3.90878
12700	-4.8867	-2.6269	5.7413	1.2823	12.904	3.9101	43.4004	3.91405

S/R= 108.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12800	-4.8729	-2.6091	5.7429	1.2908	13.006	3.9149	43.2201	3.91896
12900	-4.8598	-2.5921	5.7444	1.3000	13.110	3.9195	43.0378	3.92352
13000	-4.8473	-2.5758	5.7459	1.3099	13.218	3.9237	42.8536	3.92776
13100	-4.8354	-2.5601	5.7474	1.3194	13.324	3.9276	42.6678	3.93170
13200	-4.8239	-2.5450	5.7488	1.3287	13.427	3.9312	42.4807	3.93535
13300	-4.8130	-2.5304	5.7501	1.3385	13.534	3.9346	42.2930	3.93874
13400	-4.8025	-2.5163	5.7514	1.3484	13.640	3.9377	42.1050	3.94187
13500	-4.7924	-2.5027	5.7527	1.3572	13.740	3.9406	41.9158	3.94477
13600	-4.7828	-2.4895	5.7540	1.3658	13.840	3.9433	41.7269	3.94746
13700	-4.7735	-2.4767	5.7552	1.3752	13.942	3.9458	41.5379	3.94994
13800	-4.7645	-2.4643	5.7563	1.3843	14.044	3.9481	41.3491	3.95225
13900	-4.7558	-2.4523	5.7575	1.3507	13.926	3.9502	41.1606	3.95437
14000	-4.7454	-2.4386	5.7588	1.4002	14.233	3.9521	40.9909	3.95623
14100	-4.7393	-2.4291	5.7597	1.4670	14.624	3.9540	40.7861	3.95818
14200	-4.7313	-2.4180	5.7608	1.4155	14.419	3.9557	40.6001	3.95988
14300	-4.7237	-2.4071	5.7619	1.4215	14.504	3.9573	40.4153	3.96146
14400	-4.7162	-2.3964	5.7629	1.4280	14.590	3.9588	40.2316	3.96292
14500	-4.7088	-2.3859	5.7640	1.4349	14.679	3.9601	40.0492	3.96429
14600	-4.7017	-2.3756	5.7650	1.4396	14.756	3.9614	39.8683	3.96557
14700	-4.6947	-2.3655	5.7660	1.4426	14.824	3.9626	39.6891	3.96677
14800	-4.6878	-2.3556	5.7670	1.4467	14.897	3.9638	39.5114	3.96790
14900	-4.6810	-2.3458	5.7680	1.4510	14.972	3.9648	39.3355	3.96896
15000	-4.6743	-2.3361	5.7690	1.4531	15.035	3.9658	39.1615	3.96996

S/R= 109.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8100	-6.9229	-4.9428	5.5724	1.1042	8.678	3.2199	46.1278	3.22028
8200	-6.8393	-4.8504	5.5789	1.1049	8.768	3.2451	46.2489	3.24553
8300	-6.7580	-4.7606	5.5852	1.1064	8.862	3.2700	46.3613	3.27048
8400	-6.6792	-4.6733	5.5914	1.1080	8.955	3.2946	46.4648	3.29508
8500	-6.6028	-4.5886	5.5974	1.1097	9.048	3.3187	46.5591	3.31932
8600	-6.5287	-4.5063	5.6033	1.1114	9.140	3.3426	46.6456	3.34325
8700	-6.4568	-4.4263	5.6091	1.1131	9.232	3.3661	46.7233	3.36680
8800	-6.3872	-4.3488	5.6147	1.1148	9.324	3.3892	46.7925	3.38998
8900	-6.3196	-4.2734	5.6201	1.1166	9.416	3.4120	46.8531	3.41281
9000	-6.2542	-4.2003	5.6255	1.1184	9.508	3.4343	46.9059	3.43524
9100	-6.1908	-4.1293	5.6307	1.1203	9.599	3.4563	46.9499	3.45728
9200	-6.1294	-4.0605	5.6358	1.1223	9.690	3.4779	46.9869	3.47895
9300	-6.0700	-3.9937	5.6407	1.1244	9.782	3.4991	47.0143	3.50017
9400	-6.0125	-3.9290	5.6455	1.1265	9.872	3.5198	47.0343	3.52098
9500	-5.9569	-3.8663	5.6502	1.1286	9.963	3.5401	47.0460	3.54136
9600	-5.9031	-3.8056	5.6548	1.1309	10.053	3.5599	47.0499	3.56132
9700	-5.8512	-3.7468	5.6593	1.1334	10.144	3.5793	47.0454	3.58079
9800	-5.8011	-3.6900	5.6636	1.1357	10.234	3.5982	47.0333	3.59979
9900	-5.7527	-3.6349	5.6679	1.1382	10.323	3.6167	47.0130	3.61837
10000	-5.7060	-3.5817	5.6720	1.1410	10.414	3.6347	46.9845	3.63645
10100	-5.6610	-3.5303	5.6759	1.1438	10.504	3.6522	46.9481	3.65401
10200	-5.6177	-3.4807	5.6798	1.1468	10.594	3.6691	46.9043	3.67107
10300	-5.5761	-3.4329	5.6836	1.1499	10.684	3.6856	46.8517	3.68763
10400	-5.5360	-3.3867	5.6872	1.1530	10.774	3.7015	46.7920	3.70368
10500	-5.4975	-3.3423	5.6907	1.1565	10.864	3.7170	46.7245	3.71919
10600	-5.4605	-3.2995	5.6941	1.1602	10.955	3.7318	46.6488	3.73415
10700	-5.4251	-3.2583	5.6974	1.1639	11.045	3.7462	46.5655	3.74857
10800	-5.3911	-3.2187	5.7006	1.1681	11.137	3.7600	46.4751	3.76247



S/R= 109.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10900	-5.3586	-3.1807	5.7037	1.1725	11.229	3.7732	46.3768	3.77579
11000	-5.3276	-3.1442	5.7067	1.1769	11.321	3.7859	46.2715	3.78855
11100	-5.2979	-3.1092	5.7096	1.1815	11.413	3.7980	46.1588	3.80076
11200	-5.2696	-3.0756	5.7123	1.1866	11.506	3.8096	46.0390	3.81241
11300	-5.2426	-3.0435	5.7150	1.1921	11.601	3.8206	45.9128	3.82352
11400	-5.2168	-3.0127	5.7176	1.1978	11.696	3.8311	45.7798	3.83408
11500	-5.1923	-2.9833	5.7200	1.2038	11.792	3.8410	45.6405	3.84410
11600	-5.1690	-2.9552	5.7224	1.2101	11.889	3.8504	45.4949	3.85356
11700	-5.1469	-2.9283	5.7247	1.2169	11.987	3.8593	45.3434	3.86249
11800	-5.1258	-2.9027	5.7269	1.2239	12.086	3.8677	45.1868	3.87092
11900	-5.1059	-2.8781	5.7290	1.2310	12.185	3.8755	45.0251	3.87884
12000	-5.0868	-2.8547	5.7310	1.2389	12.286	3.8829	44.8584	3.88628
12100	-5.0688	-2.8323	5.7330	1.2468	12.388	3.8898	44.6872	3.89325
12200	-5.0517	-2.8108	5.7348	1.2550	12.490	3.8963	44.5120	3.89977
12300	-5.0355	-2.7904	5.7366	1.2641	12.596	3.9024	44.3333	3.90585
12400	-5.0200	-2.7708	5.7384	1.2729	12.700	3.9080	44.1510	3.91151
12500	-5.0054	-2.7521	5.7400	1.2820	12.806	3.9132	43.9658	3.91679
12600	-4.9914	-2.7342	5.7416	1.2921	12.915	3.9181	43.7781	3.92167
12700	-4.9782	-2.7169	5.7432	1.3015	13.021	3.9226	43.5881	3.92621
12800	-4.9656	-2.7005	5.7447	1.3109	13.126	3.9268	43.3954	3.93040
12900	-4.9535	-2.6846	5.7461	1.3207	13.233	3.9306	43.2019	3.93430
13000	-4.9420	-2.6694	5.7475	1.3310	13.342	3.9342	43.0074	3.93788
13100	-4.9310	-2.6547	5.7488	1.3412	13.450	3.9375	42.8114	3.94121
13200	-4.9205	-2.6405	5.7501	1.3507	13.554	3.9406	42.6152	3.94428
13300	-4.9104	-2.6268	5.7514	1.3606	13.660	3.9434	42.4185	3.94711
13400	-4.9007	-2.6136	5.7526	1.3703	13.765	3.9460	42.2217	3.94972
13500	-4.8914	-2.6008	5.7538	1.3790	13.864	3.9484	42.0249	3.95213
13600	-4.8824	-2.5883	5.7550	1.3876	13.963	3.9506	41.8284	3.95436
13700	-4.8737	-2.5763	5.7562	1.3967	14.063	3.9527	41.6326	3.95640
13800	-4.8653	-2.5645	5.7573	1.4059	14.164	3.9546	41.4375	3.95830
13900	-4.8572	-2.5531	5.7584	1.3664	14.018	3.9563	41.2432	3.96005
14000	-4.8473	-2.5399	5.7595	1.4206	14.347	3.9578	41.0585	3.96158
14100	-4.8417	-2.5310	5.7605	1.4945	14.771	3.9595	40.8585	3.96317
14200	-4.8342	-2.5203	5.7615	1.4340	14.523	3.9608	40.6680	3.96456
14300	-4.8269	-2.5098	5.7626	1.4391	14.602	3.9621	40.4789	3.96585
14400	-4.8197	-2.4995	5.7636	1.4443	14.682	3.9634	40.2915	3.96706
14500	-4.8127	-2.4893	5.7646	1.4500	14.764	3.9645	40.1057	3.96818
14600	-4.8059	-2.4794	5.7656	1.4530	14.832	3.9655	39.9218	3.96924
14700	-4.7991	-2.4695	5.7665	1.4550	14.895	3.9665	39.7398	3.97024
14800	-4.7924	-2.4598	5.7675	1.4575	14.960	3.9675	39.5595	3.97118
14900	-4.7858	-2.4502	5.7685	1.4599	15.025	3.9684	39.3816	3.97207
15000	-4.7793	-2.4407	5.7694	1.4612	15.083	3.9693	39.2058	3.97294

S/R= 110.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8100	-6.9637	-4.9793	5.5793	1.1044	8.722	3.2517	46.8559	3.25207
8200	-6.8804	-4.8873	5.5857	1.1053	8.813	3.2770	46.9716	3.27744
8300	-6.7997	-4.7980	5.5919	1.1068	8.906	3.3020	47.0785	3.30250
8400	-6.7213	-4.7112	5.5980	1.1084	9.000	3.3267	47.1762	3.32720
8500	-6.6454	-4.6270	5.6040	1.1102	9.093	3.3510	47.2647	3.35153
8600	-6.5718	-4.5452	5.6098	1.1119	9.187	3.3748	47.3443	3.37547
8700	-6.5005	-4.4659	5.6154	1.1136	9.279	3.3984	47.4154	3.39907
8800	-6.4315	-4.3889	5.6210	1.1154	9.371	3.4215	47.4770	3.42225
8900	-6.3646	-4.3143	5.6264	1.1173	9.464	3.4442	47.5302	3.44504

S/R= 110.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9000	-6.2999	-4.2419	5.6316	1.1192	9.556	3.4666	47.5752	3.46743
9100	-6.2373	-4.1717	5.6367	1.1213	9.648	3.4884	47.6107	3.48930
9200	-6.1767	-4.1038	5.6417	1.1234	9.739	3.5099	47.6383	3.51092
9300	-6.1181	-4.0379	5.6466	1.1254	9.831	3.5309	47.6573	3.53202
9400	-6.0615	-3.9741	5.6514	1.1278	9.922	3.5515	47.6677	3.55267
9500	-6.0069	-3.9124	5.6560	1.1301	10.013	3.5715	47.6689	3.57281
9600	-5.9540	-3.8527	5.6604	1.1324	10.104	3.5912	47.6623	3.59253
9700	-5.9031	-3.7950	5.6648	1.1350	10.195	3.6103	47.6465	3.61175
9800	-5.8541	-3.7392	5.6690	1.1376	10.286	3.6289	47.6231	3.63046
9900	-5.8068	-3.6854	5.6732	1.1404	10.376	3.6470	47.5903	3.64865
10000	-5.7613	-3.6334	5.6772	1.1434	10.468	3.6647	47.5499	3.66635
10100	-5.7176	-3.5833	5.6810	1.1464	10.558	3.6817	47.5009	3.68350
10200	-5.6755	-3.5350	5.6848	1.1496	10.649	3.6982	47.4431	3.70011
10300	-5.6352	-3.4886	5.6884	1.1532	10.741	3.7142	47.3769	3.71615
10400	-5.5964	-3.4439	5.6919	1.1566	10.831	3.7296	47.3030	3.73165
10500	-5.5593	-3.4009	5.6953	1.1604	10.923	3.7445	47.2201	3.74659
10600	-5.5239	-3.3597	5.6986	1.1646	11.016	3.7587	47.1297	3.76094
10700	-5.4899	-3.3200	5.7018	1.1687	11.107	3.7724	47.0307	3.77471
10800	-5.4575	-3.2821	5.7048	1.1733	11.200	3.7855	46.9246	3.78791
10900	-5.4265	-3.2457	5.7078	1.1782	11.294	3.7981	46.8102	3.80052
11000	-5.3970	-3.2108	5.7106	1.1832	11.388	3.8100	46.6882	3.81255
11100	-5.3689	-3.1775	5.7133	1.1887	11.483	3.8214	46.5589	3.82399
11200	-5.3422	-3.1457	5.7159	1.1944	11.578	3.8322	46.4225	3.83483
11300	-5.3168	-3.1153	5.7185	1.2007	11.676	3.8424	46.2792	3.84511
11400	-5.2927	-3.0863	5.7209	1.2071	11.774	3.8520	46.1291	3.85482
11500	-5.2698	-3.0585	5.7232	1.2139	11.872	3.8611	45.9734	3.86399
11600	-5.2481	-3.0321	5.7254	1.2209	11.972	3.8697	45.8114	3.87261
11700	-5.2275	-3.0069	5.7276	1.2286	12.073	3.8777	45.6440	3.88071
11800	-5.2080	-2.9828	5.7296	1.2367	12.176	3.8853	45.4711	3.88829
11900	-5.1895	-2.9599	5.7316	1.2450	12.280	3.8923	45.2936	3.89536
12000	-5.1720	-2.9380	5.7335	1.2538	12.385	3.8989	45.1113	3.90195
12100	-5.1554	-2.9172	5.7353	1.2627	12.491	3.9050	44.9250	3.90808
12200	-5.1397	-2.8973	5.7370	1.2721	12.598	3.9106	44.7355	3.91379
12300	-5.1248	-2.8782	5.7387	1.2819	12.707	3.9159	44.5429	3.91908
12400	-5.1107	-2.8600	5.7403	1.2916	12.814	3.9208	44.3472	3.92397
12500	-5.0972	-2.8426	5.7418	1.3017	12.923	3.9253	44.1489	3.92851
12600	-5.0844	-2.8259	5.7433	1.3120	13.033	3.9294	43.9491	3.93269
12700	-5.0723	-2.8099	5.7448	1.3221	13.142	3.9333	43.7476	3.93655
12800	-5.0607	-2.7945	5.7461	1.3323	13.250	3.9368	43.5447	3.94010
12900	-5.0496	-2.7796	5.7475	1.3424	13.357	3.9401	43.3408	3.94338
13000	-5.0390	-2.7654	5.7488	1.3534	13.469	3.9431	43.1366	3.94639
13100	-5.0289	-2.7516	5.7501	1.3635	13.576	3.9459	42.9319	3.94917
13200	-5.0192	-2.7383	5.7513	1.3732	13.681	3.9484	42.7269	3.95171
13300	-5.0098	-2.7254	5.7525	1.3834	13.787	3.9507	42.5222	3.95405
13400	-5.0008	-2.7130	5.7536	1.3925	13.888	3.9529	42.3181	3.95619
13500	-4.9921	-2.7008	5.7548	1.4007	13.984	3.9549	42.1145	3.95818
13600	-4.9837	-2.6890	5.7559	1.4094	14.083	3.9567	41.9121	3.96001
13700	-4.9756	-2.6775	5.7570	1.4179	14.180	3.9584	41.7104	3.96160
13800	-4.9677	-2.6663	5.7580	1.4260	14.275	3.9599	41.5101	3.96323
13900	-4.9601	-2.6553	5.7591	1.3804	14.098	3.9613	41.3109	3.96466
14000	-4.9505	-2.6426	5.7603	1.4389	14.448	3.9626	41.1321	3.96592
14100	-4.9453	-2.6341	5.7611	1.5190	14.900	3.9639	40.9178	3.96722
14200	-4.9381	-2.6237	5.7621	1.4495	14.609	3.9651	40.7236	3.96836
14300	-4.9311	-2.6136	5.7631	1.4537	14.683	3.9661	40.5310	3.96942
14400	-4.9243	-2.6036	5.7641	1.4576	14.756	3.9671	40.3407	3.97042

S/R= 110.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14500	-4.9175	-2.5937	5.7651	1.4524	14.833	3.9681	40.1525	3.97135
14600	-4.9103	-2.5840	5.7660	1.4636	14.892	3.9690	39.9663	3.97224
14700	-4.9043	-2.5743	5.7670	1.4635	14.944	3.9698	39.7822	3.97309
14800	-4.8977	-2.5647	5.7680	1.4648	15.003	3.9706	39.6004	3.97389
14900	-4.8913	-2.5553	5.7689	1.4656	15.059	3.9714	39.4211	3.97466
15000	-4.8848	-2.5459	5.7699	1.4654	15.110	3.9722	39.2440	3.97542

S/R= 111.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8200	-6.9218	-4.9244	5.5922	1.1065	8.860	3.3088	47.6899	3.30918
8300	-6.8415	-4.8356	5.5984	1.1072	8.951	3.3338	47.7907	3.33431
8400	-6.7636	-4.7493	5.6045	1.1089	9.045	3.3586	47.8825	3.35908
8500	-6.6882	-4.6557	5.6103	1.1107	9.139	3.3829	47.9644	3.38347
8600	-6.6153	-4.5846	5.6161	1.1125	9.232	3.4068	48.0366	3.40742
8700	-6.5447	-4.5060	5.6217	1.1143	9.325	3.4303	48.1006	3.43101
8800	-6.4763	-4.4297	5.6271	1.1162	9.418	3.4534	48.1542	3.45417
8900	-6.4102	-4.3559	5.6324	1.1182	9.511	3.4761	48.1992	3.47687
9000	-6.3463	-4.2843	5.6376	1.1201	9.603	3.4983	48.2354	3.49918
9100	-6.2844	-4.2150	5.6426	1.1223	9.696	3.5201	48.2622	3.52103
9200	-6.2247	-4.1479	5.6476	1.1246	9.788	3.5414	48.2796	3.54239
9300	-6.1671	-4.0830	5.6523	1.1267	9.880	3.5622	48.2885	3.56329
9400	-6.1114	-4.0202	5.6570	1.1291	9.972	3.5826	48.2882	3.58372
9500	-6.0578	-3.9596	5.6615	1.1317	10.064	3.6024	48.2787	3.60363
9600	-6.0061	-3.9011	5.6659	1.1342	10.155	3.6217	48.2597	3.62302
9700	-5.9564	-3.8446	5.6701	1.1369	10.246	3.6405	48.2328	3.64191
9800	-5.9085	-3.7901	5.6742	1.1398	10.338	3.6588	48.1963	3.66025
9900	-5.8625	-3.7375	5.6782	1.1429	10.430	3.6765	48.1513	3.67804
10000	-5.8182	-3.6869	5.6821	1.1462	10.522	3.6936	48.0964	3.69527
10100	-5.7758	-3.6383	5.6859	1.1494	10.613	3.7102	48.0333	3.71192
10200	-5.7352	-3.5914	5.6895	1.1530	10.705	3.7262	47.9608	3.72800
10300	-5.6963	-3.5465	5.6930	1.1568	10.797	3.7416	47.8800	3.74347
10400	-5.6590	-3.5034	5.6964	1.1607	10.889	3.7564	47.7899	3.75835
10500	-5.6235	-3.4620	5.6996	1.1651	10.983	3.7706	47.6920	3.77263
10600	-5.5895	-3.4224	5.7028	1.1697	11.077	3.7842	47.5851	3.78631
10700	-5.5572	-3.3845	5.7058	1.1744	11.170	3.7972	47.4691	3.79935
10800	-5.5264	-3.3482	5.7087	1.1796	11.266	3.8095	47.3461	3.81179
10900	-5.4971	-3.3136	5.7115	1.1852	11.362	3.8213	47.2144	3.82360
11000	-5.4693	-3.2805	5.7142	1.1909	11.458	3.8324	47.0753	3.83480
11100	-5.4428	-3.2490	5.7168	1.1968	11.554	3.8430	46.9286	3.84543
11200	-5.4177	-3.2189	5.7192	1.2034	11.653	3.8529	46.7753	3.85543
11300	-5.3940	-3.1902	5.7216	1.2106	11.755	3.8623	46.6145	3.86486
11400	-5.3716	-3.1630	5.7239	1.2182	11.857	3.8711	46.4477	3.87370
11500	-5.3503	-3.1370	5.7260	1.2259	11.959	3.8793	46.2742	3.88197
11600	-5.3302	-3.1123	5.7281	1.2338	12.061	3.8870	46.0951	3.88970
11700	-5.3112	-3.0887	5.7301	1.2426	12.167	3.8942	45.9114	3.89692
11800	-5.2933	-3.0664	5.7320	1.2516	12.274	3.9009	45.7224	3.90363
11900	-5.2763	-3.0450	5.7338	1.2607	12.381	3.9071	45.5296	3.90986
12000	-5.2602	-3.0246	5.7355	1.2704	12.489	3.9128	45.3327	3.91565
12100	-5.2449	-3.0052	5.7373	1.2803	12.599	3.9181	45.1316	3.92098
12200	-5.2305	-2.9867	5.7389	1.2907	12.710	3.9230	44.9285	3.92592
12300	-5.2169	-2.9690	5.7404	1.3014	12.822	3.9276	44.7229	3.93046
12400	-5.2039	-2.9521	5.7419	1.3122	12.934	3.9317	44.5148	3.93463
12500	-5.1916	-2.9358	5.7434	1.3233	13.047	3.9356	44.3049	3.93848
12600	-5.1799	-2.9203	5.7448	1.3339	13.157	3.9391	44.0939	3.94201

S/R= 111.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12700	-5.1687	-2.9053	5.7461	1.3444	13.267	3.9423	43.8820	3.94524
12800	-5.1580	-2.8909	5.7474	1.3548	13.376	3.9453	43.5695	3.94822
12900	-5.1478	-2.8770	5.7485	1.3651	13.484	3.9480	43.4565	3.95094
13000	-5.1381	-2.8636	5.7499	1.3764	13.596	3.9505	43.2439	3.95344
13100	-5.1287	-2.8507	5.7511	1.3864	13.701	3.9528	43.0309	3.95573
13200	-5.1196	-2.8381	5.7522	1.3954	13.802	3.9549	42.8187	3.95782
13300	-5.1109	-2.8259	5.7533	1.4055	13.907	3.9568	42.6075	3.95974
13400	-5.1025	-2.8140	5.7544	1.4141	14.005	3.9585	42.3974	3.96150
13500	-5.0944	-2.8025	5.7555	1.4215	14.097	3.9602	42.1881	3.96312
13600	-5.0865	-2.7912	5.7566	1.4300	14.194	3.9616	41.9802	3.96461
13700	-5.0788	-2.7802	5.7576	1.4370	14.284	3.9630	41.7740	3.96598
13800	-5.0713	-2.7694	5.7587	1.4438	14.372	3.9643	41.5693	3.96724
13900	-5.0640	-2.7588	5.7597	1.4500	14.470	3.9655	41.3664	3.96841
14000	-5.0548	-2.7464	5.7609	1.4549	14.535	3.9665	41.1842	3.96943
14100	-5.0499	-2.7383	5.7615	1.5400	15.010	3.9676	40.9664	3.97050
14200	-5.0430	-2.7282	5.7626	1.4634	14.685	3.9685	40.7693	3.97143
14300	-5.0362	-2.7183	5.7636	1.4659	14.751	3.9694	40.5746	3.97232
14400	-5.0295	-2.7085	5.7646	1.4673	14.811	3.9702	40.3821	3.97315
14500	-5.0229	-2.6988	5.7655	1.4705	14.880	3.9710	40.1917	3.97394
14600	-5.0164	-2.6892	5.7665	1.4701	14.930	3.9718	40.0039	3.97470
14700	-5.0099	-2.6797	5.7674	1.4684	14.974	3.9725	39.8186	3.97543
14800	-5.0035	-2.6702	5.7684	1.4683	15.026	3.9732	39.6360	3.97614
14900	-4.9971	-2.6608	5.7693	1.4669	15.071	3.9739	39.4558	3.97683
15000	-4.9907	-2.6514	5.7702	1.4653	15.115	3.9746	39.2785	3.97752

S/R= 112.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8200	-6.9632	-4.9618	5.5987	1.1069	8.904	3.3403	48.4037	3.34071
8300	-6.8835	-4.8736	5.6048	1.1077	8.995	3.3654	48.4980	3.36589
8400	-6.8063	-4.7879	5.6108	1.1094	9.089	3.3902	48.5826	3.39070
8500	-6.7315	-4.7049	5.6166	1.1112	9.184	3.4146	48.6572	3.41511
8600	-6.6592	-4.6245	5.6222	1.1132	9.278	3.4385	48.7223	3.43907
8700	-6.5893	-4.5467	5.6277	1.1150	9.371	3.4619	48.7773	3.46257
8800	-6.5217	-4.4712	5.6331	1.1170	9.465	3.4850	48.8233	3.48569
8900	-6.4564	-4.3982	5.6383	1.1191	9.558	3.5075	48.8590	3.50830
9000	-6.3934	-4.3275	5.6434	1.1212	9.651	3.5296	48.8852	3.53043
9100	-6.3324	-4.2592	5.6484	1.1234	9.743	3.5512	48.9020	3.55213
9200	-6.2737	-4.1931	5.6532	1.1259	9.837	3.5723	48.9095	3.57330
9300	-6.2171	-4.1293	5.6579	1.1282	9.929	3.5929	48.9071	3.59394
9400	-6.1625	-4.0677	5.6624	1.1307	10.021	3.6130	48.8949	3.61409
9500	-6.1100	-4.0083	5.6668	1.1335	10.114	3.6325	48.8734	3.63369
9600	-6.0596	-3.9510	5.6711	1.1363	10.206	3.6515	48.8427	3.65273
9700	-6.0111	-3.8958	5.6752	1.1392	10.298	3.6699	48.8017	3.67119
9800	-5.9645	-3.8426	5.6792	1.1423	10.390	3.6877	48.7514	3.68910
9900	-5.9198	-3.7915	5.6831	1.1457	10.483	3.7049	48.6920	3.70641
10000	-5.8770	-3.7424	5.6868	1.1493	10.576	3.7216	48.6223	3.72311
10100	-5.8361	-3.6953	5.6905	1.1530	10.668	3.7376	48.5444	3.73919
10200	-5.7969	-3.6501	5.6940	1.1568	10.761	3.7529	48.4562	3.75466
10300	-5.7596	-3.6068	5.6973	1.1611	10.855	3.7677	48.3588	3.76948
10400	-5.7239	-3.5653	5.7006	1.1657	10.949	3.7818	48.2522	3.78367
10500	-5.6900	-3.5257	5.7037	1.1706	11.045	3.7953	48.1367	3.79721
10600	-5.6578	-3.4879	5.7067	1.1757	11.140	3.8081	48.0124	3.81012
10700	-5.6271	-3.4517	5.7095	1.1809	11.235	3.8203	47.8795	3.82238
10800	-5.5980	-3.4173	5.7123	1.1869	11.333	3.8319	47.7384	3.83401

S/R= 112.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	1/RT	Z*
10900	-5.5704	-3.3845	5.7149	1.1935	11.433	3.8428	47.5889	3.84497
11000	-5.5444	-3.3533	5.7175	1.1999	11.532	3.8531	47.4315	3.85530
11100	-5.5197	-3.3236	5.7199	1.2067	11.632	3.8628	47.2664	3.86502
11200	-5.4963	-3.2954	5.7222	1.2142	11.734	3.8718	47.0945	3.87412
11300	-5.4743	-3.2685	5.7244	1.2223	11.838	3.8803	46.9167	3.88265
11400	-5.4535	-3.2430	5.7265	1.2307	11.944	3.8882	46.7323	3.89060
11500	-5.4333	-3.2187	5.7285	1.2396	12.051	3.8956	46.5422	3.89800
11600	-5.4154	-3.1957	5.7305	1.2486	12.157	3.9024	46.3469	3.90486
11700	-5.3979	-3.1738	5.7323	1.2585	12.268	3.9087	46.1469	3.91123
11800	-5.3814	-3.1530	5.7341	1.2689	12.380	3.9146	45.9427	3.91708
11900	-5.3659	-3.1332	5.7358	1.2787	12.489	3.9199	45.7348	3.92249
12000	-5.3511	-3.1143	5.7374	1.2896	12.603	3.9249	45.5236	3.92747
12100	-5.3372	-3.0962	5.7390	1.3006	12.717	3.9295	45.3098	3.93204
12200	-5.3240	-3.0790	5.7405	1.3113	12.828	3.9336	45.0936	3.93624
12300	-5.3115	-3.0626	5.7419	1.3227	12.943	3.9375	44.8755	3.94010
12400	-5.2997	-3.0468	5.7433	1.3345	13.059	3.9410	44.6563	3.94361
12500	-5.2883	-3.0316	5.7446	1.3456	13.171	3.9442	44.4361	3.94684
12600	-5.2776	-3.0171	5.7459	1.3563	13.281	3.9471	44.2149	3.94978
12700	-5.2673	-3.0030	5.7472	1.3674	13.393	3.9498	43.9938	3.95248
12800	-5.2574	-2.9895	5.7484	1.3780	13.502	3.9523	43.7727	3.95493
12900	-5.2480	-2.9764	5.7496	1.3881	13.608	3.9545	43.5519	3.95718
13000	-5.2389	-2.9638	5.7508	1.3994	13.720	3.9566	43.3317	3.95922
13100	-5.2301	-2.9515	5.7519	1.4093	13.824	3.9584	43.1124	3.96109
13200	-5.2217	-2.9395	5.7530	1.4172	13.918	3.9602	42.8944	3.96281
13300	-5.2135	-2.9279	5.7541	1.4263	14.019	3.9617	42.6775	3.96437
13400	-5.2056	-2.9166	5.7551	1.4342	14.113	3.9632	42.4620	3.96580
13500	-5.1979	-2.9055	5.7561	1.4408	14.200	3.9645	42.2480	3.96711
13600	-5.1904	-2.8947	5.7572	1.4481	14.291	3.9657	42.0359	3.96832
13700	-5.1831	-2.8840	5.7582	1.4542	14.376	3.9668	41.8259	3.96944
13800	-5.1759	-2.8736	5.7592	1.4592	14.455	3.9678	41.6178	3.97047
13900	-5.1689	-2.8634	5.7601	1.4632	14.528	3.9688	41.4117	3.97143
14000	-5.1599	-2.8512	5.7613	1.4678	14.605	3.9697	41.2271	3.97227
14100	-5.1552	-2.8433	5.7621	1.5566	15.096	3.9705	41.0065	3.97316
14200	-5.1485	-2.8334	5.7630	1.4731	14.739	3.9713	40.8072	3.97394
14300	-5.1419	-2.8237	5.7640	1.4738	14.796	3.9721	40.6108	3.97468
14400	-5.1354	-2.8140	5.7649	1.4735	14.847	3.9728	40.4166	3.97540
14500	-5.1289	-2.8045	5.7659	1.4746	14.906	3.9735	40.2254	3.97609
14600	-5.1224	-2.7950	5.7668	1.4730	14.950	3.9742	40.0364	3.97675
14700	-5.1160	-2.7855	5.7678	1.4691	14.982	3.9748	39.8505	3.97741
14800	-5.1095	-2.7760	5.7687	1.4665	15.021	3.9755	39.6676	3.97807
14900	-5.1031	-2.7666	5.7696	1.4638	15.059	3.9762	39.4875	3.97872
15000	-5.0966	-2.7571	5.7706	1.4617	15.100	3.9768	39.3105	3.97939

S/R= 113.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	1/RT	Z*
9300	-6.9259	-4.9119	5.6110	1.1092	9.043	3.3968	49.1995	3.39722
9400	-6.8493	-4.9270	5.6169	1.1100	9.134	3.4215	49.2764	3.42202
9500	-6.7752	-4.7447	5.6226	1.1119	9.228	3.4459	49.3431	3.44642
9600	-6.7037	-4.6650	5.6282	1.1139	9.323	3.4697	49.4002	3.47034
9700	-6.6346	-4.5880	5.6337	1.1159	9.417	3.4931	49.4461	3.49377
9800	-6.5678	-4.5135	5.6389	1.1179	9.511	3.5160	49.4820	3.51674
9900	-6.5034	-4.4414	5.6441	1.1202	9.605	3.5385	49.5089	3.53922
9000	-6.4413	-4.3718	5.6491	1.1224	9.698	3.5604	49.5242	3.56118
9100	-6.3815	-4.3045	5.6539	1.1247	9.791	3.5817	49.5302	3.58263

S/R= 113.0

T	LOG(RHO)	LJG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9200	-6.3238	-4.2395	5.6586	1.1273	9.885	3.6026	49.5259	3.60356
9300	-6.2683	-4.1769	5.6632	1.1299	9.978	3.6229	49.5117	3.62391
9400	-6.2150	-4.1166	5.6676	1.1326	10.070	3.6426	49.4865	3.64369
9500	-6.1637	-4.0585	5.6719	1.1356	10.164	3.6618	49.4521	3.66291
9600	-6.1145	-4.0025	5.6761	1.1387	10.257	3.6803	49.4074	3.68154
9700	-6.0674	-3.9488	5.6801	1.1419	10.350	3.6983	49.3526	3.69954
9800	-6.0222	-3.8971	5.6840	1.1453	10.443	3.7156	49.2868	3.71692
9900	-5.9791	-3.8476	5.6877	1.1490	10.536	3.7322	49.2117	3.73367
10000	-5.9378	-3.8001	5.6913	1.1529	10.631	3.7483	49.1264	3.74978
10100	-5.8984	-3.7547	5.6948	1.1571	10.725	3.7637	49.0315	3.76520
10200	-5.8609	-3.7112	5.6981	1.1615	10.819	3.7784	48.9267	3.77998
10300	-5.8253	-3.6697	5.7014	1.1662	10.914	3.7924	48.8115	3.79407
10400	-5.7913	-3.6300	5.7044	1.1713	11.011	3.8058	48.6871	3.80751
10500	-5.7592	-3.5922	5.7074	1.1770	11.109	3.8185	48.5537	3.82025
10600	-5.7287	-3.5563	5.7102	1.1828	11.206	3.8305	48.4107	3.83231
10700	-5.6998	-3.5221	5.7130	1.1888	11.305	3.8418	48.2590	3.84370
10800	-5.6725	-3.4895	5.7156	1.1956	11.405	3.8525	48.0992	3.85443
10900	-5.6468	-3.4586	5.7180	1.2028	11.507	3.8625	47.9313	3.86450
11000	-5.6225	-3.4293	5.7204	1.2103	11.610	3.8719	47.7556	3.87395
11100	-5.5995	-3.4014	5.7227	1.2183	11.715	3.8807	47.5725	3.88277
11200	-5.5779	-3.3751	5.7248	1.2268	11.821	3.8888	47.3825	3.89094
11300	-5.5576	-3.3500	5.7269	1.2360	11.930	3.8964	47.1865	3.89854
11400	-5.5385	-3.3263	5.7289	1.2456	12.039	3.9034	46.9851	3.90558
11500	-5.5205	-3.3038	5.7307	1.2556	12.150	3.9099	46.7785	3.91209
11600	-5.5035	-3.2824	5.7325	1.2658	12.262	3.9158	46.5668	3.91808
11700	-5.4875	-3.2620	5.7343	1.2766	12.376	3.9213	46.3516	3.92360
11800	-5.4725	-3.2427	5.7359	1.2877	12.490	3.9264	46.1326	3.92866
11900	-5.4582	-3.2243	5.7375	1.2985	12.603	3.9310	45.9111	3.93331
12000	-5.4447	-3.2067	5.7390	1.3104	12.721	3.9352	45.6867	3.93755
12100	-5.4320	-3.1900	5.7404	1.3222	12.838	3.9391	45.4606	3.94143
12200	-5.4199	-3.1740	5.7418	1.3337	12.952	3.9426	45.2324	3.94495
12300	-5.4085	-3.1586	5.7432	1.3458	13.069	3.9458	45.0038	3.94818
12400	-5.3976	-3.1439	5.7445	1.3576	13.185	3.9488	44.7746	3.95111
12500	-5.3872	-3.1296	5.7457	1.3689	13.297	3.9514	44.5445	3.95378
12600	-5.3772	-3.1160	5.7469	1.3799	13.408	3.9538	44.3153	3.95621
12700	-5.3677	-3.1028	5.7481	1.3906	13.517	3.9561	44.0859	3.95842
12800	-5.3585	-3.0900	5.7493	1.4012	13.625	3.9581	43.8577	3.96043
12900	-5.3497	-3.0776	5.7504	1.4108	13.728	3.9599	43.6302	3.96226
13000	-5.3412	-3.0655	5.7515	1.4208	13.833	3.9616	43.4038	3.96393
13100	-5.3330	-3.0538	5.7525	1.4301	13.934	3.9631	43.1789	3.96545
13200	-5.3250	-3.0424	5.7535	1.4373	14.025	3.9645	42.9555	3.96684
13300	-5.3173	-3.0313	5.7545	1.4452	14.119	3.9658	42.7342	3.96812
13400	-5.3098	-3.0204	5.7556	1.4524	14.209	3.9669	42.5145	3.96928
13500	-5.3024	-3.0097	5.7566	1.4578	14.290	3.9680	42.2969	3.97035
13600	-5.2952	-2.9992	5.7576	1.4637	14.374	3.9690	42.0813	3.97133
13700	-5.2882	-2.9888	5.7586	1.4685	14.452	3.9699	41.8584	3.97225
13800	-5.2813	-2.9787	5.7596	1.4722	14.524	3.9708	41.6374	3.97309
13900	-5.2745	-2.9687	5.7605	1.4111	14.273	3.9716	41.4493	3.97388
14000	-5.2657	-2.9567	5.7617	1.4772	14.657	3.9723	41.2623	3.97458
14100	-5.2612	-2.9490	5.7624	1.5592	15.162	3.9730	41.0400	3.97533
14200	-5.2546	-2.9393	5.7634	1.4794	14.775	3.9737	40.8395	3.97600
14300	-5.2481	-2.9296	5.7643	1.4778	14.820	3.9743	40.6418	3.97664
14400	-5.2416	-2.9200	5.7652	1.4759	14.863	3.9750	40.4468	3.97728
14500	-5.2351	-2.9105	5.7662	1.4751	14.912	3.9756	40.2549	3.97789
14600	-5.2287	-2.9010	5.7671	1.4716	14.947	3.9762	40.0661	3.97851

S/R= 113.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14700	-5.2222	-2.8915	5.7681	1.4556	14.968	3.9768	39.8802	3.97913
14800	-5.2157	-2.8920	5.7690	1.4604	14.994	3.9775	39.6975	3.97977
14900	-5.2092	-2.8724	5.7700	1.4556	15.020	3.9781	39.5181	3.98042
15000	-5.2026	-2.8629	5.7710	1.4526	15.057	3.9788	39.3422	3.98110

S/R= 114.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8300	-6.9587	-4.9507	5.5171	1.1098	9.087	3.4278	49.8945	3.42826
8400	-6.8929	-4.8566	5.6229	1.1107	9.178	3.4525	49.9625	3.45302
8500	-6.8196	-4.7851	5.6286	1.1126	9.273	3.4768	50.0209	3.47735
8600	-6.7488	-4.7063	5.6341	1.1147	9.368	3.5006	50.0685	3.50120
8700	-6.6806	-4.6302	5.6394	1.1168	9.462	3.5239	50.1057	3.52453
8800	-6.6144	-4.5567	5.6446	1.1191	9.557	3.5466	50.1311	3.54732
8900	-6.5514	-4.4856	5.6496	1.1214	9.651	3.5689	50.1470	3.56960
9000	-6.4903	-4.4171	5.6545	1.1237	9.745	3.5905	50.1512	3.59134
9100	-6.4316	-4.3510	5.6593	1.1263	9.839	3.6117	50.1449	3.61250
9200	-6.3751	-4.2873	5.6639	1.1290	9.933	3.6322	50.1281	3.63310
9300	-6.3209	-4.2260	5.6683	1.1318	10.026	3.6521	50.1007	3.65311
9400	-6.2688	-4.1670	5.6726	1.1348	10.120	3.6715	50.0523	3.67249
9500	-6.2190	-4.1104	5.6768	1.1380	10.214	3.6901	50.0124	3.69123
9600	-6.1712	-4.0559	5.6808	1.1414	10.308	3.7082	49.9528	3.70937
9700	-6.1256	-4.0037	5.6847	1.1449	10.402	3.7256	49.8825	3.72683
9800	-6.0820	-3.9538	5.6885	1.1486	10.496	3.7423	49.8014	3.74362
9900	-6.0404	-3.9059	5.6921	1.1528	10.591	3.7584	49.7089	3.75972
10000	-6.0008	-3.8602	5.6955	1.1572	10.686	3.7737	49.6061	3.77516
10100	-5.9632	-3.8165	5.6989	1.1620	10.783	3.7884	49.4935	3.78986
10200	-5.9274	-3.7749	5.7021	1.1671	10.879	3.8023	49.3701	3.80386
10300	-5.8936	-3.7353	5.7051	1.1723	10.976	3.8156	49.2362	3.81714
10400	-5.8615	-3.6976	5.7081	1.1781	11.075	3.8281	49.0933	3.82973
10500	-5.8312	-3.6618	5.7109	1.1843	11.174	3.8399	48.9403	3.84161
10600	-5.8025	-3.6278	5.7135	1.1910	11.276	3.8511	48.7789	3.85281
10700	-5.7755	-3.5955	5.7161	1.1982	11.378	3.8615	48.6076	3.86328
10800	-5.7501	-3.5650	5.7185	1.2059	11.482	3.8713	48.4280	3.87307
10900	-5.7262	-3.5360	5.7208	1.2142	11.589	3.8803	48.2409	3.88219
11000	-5.7037	-3.5086	5.7231	1.2228	11.695	3.8888	48.0465	3.89068
11100	-5.6826	-3.4827	5.7252	1.2318	11.803	3.8966	47.8448	3.89855
11200	-5.6627	-3.4581	5.7272	1.2413	11.913	3.9039	47.6377	3.90582
11300	-5.6440	-3.4349	5.7291	1.2516	12.026	3.9106	47.4245	3.91253
11400	-5.6265	-3.4128	5.7309	1.2622	12.140	3.9167	47.2063	3.91870
11500	-5.6100	-3.3919	5.7326	1.2736	12.256	3.9223	46.9838	3.92436
11600	-5.5945	-3.3721	5.7343	1.2852	12.374	3.9275	46.7569	3.92952
11700	-5.5799	-3.3532	5.7359	1.2969	12.491	3.9322	46.5272	3.93424
11800	-5.5661	-3.3353	5.7374	1.3089	12.609	3.9365	46.2945	3.93854
11900	-5.5531	-3.3182	5.7389	1.3207	12.726	3.9404	46.0602	3.94246
12000	-5.5408	-3.3019	5.7403	1.3331	12.844	3.9439	45.8241	3.94603
12100	-5.5292	-3.2862	5.7416	1.3452	12.962	3.9472	45.5867	3.94927
12200	-5.5181	-3.2712	5.7429	1.3571	13.077	3.9501	45.3486	3.95220
12300	-5.5075	-3.2569	5.7442	1.3693	13.194	3.9528	45.1103	3.95487
12400	-5.4974	-3.2430	5.7454	1.3812	13.309	3.9552	44.8720	3.95729
12500	-5.4878	-3.2296	5.7466	1.3922	13.420	3.9574	44.6343	3.95948
12600	-5.4786	-3.2167	5.7477	1.4029	13.529	3.9594	44.3973	3.96147
12700	-5.4697	-3.2042	5.7488	1.4133	13.635	3.9612	44.1615	3.96327
12800	-5.4611	-3.1920	5.7499	1.4231	13.739	3.9628	43.9269	3.96490
12900	-5.4528	-3.1802	5.7510	1.4323	13.840	3.9643	43.6935	3.96639

S/R= 114.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13000	-5.4448	-3.1687	5.7521	1.4416	13.941	3.9656	43.4622	3.96774
13100	-5.4377	-3.1575	5.7531	1.4493	14.034	3.9669	43.2328	3.96897
13200	-5.4295	-3.1465	5.7541	1.4556	14.120	3.9680	43.0056	3.97010
13300	-5.4221	-3.1357	5.7551	1.4620	14.206	3.9690	42.7803	3.97113
13400	-5.4149	-3.1251	5.7561	1.4677	14.289	3.9700	42.5573	3.97207
13500	-5.4078	-3.1147	5.7571	1.4719	14.364	3.9709	42.3367	3.97294
13600	-5.4008	-3.1045	5.7580	1.4761	14.439	3.9717	42.1187	3.97374
13700	-5.3940	-3.0944	5.7590	1.4792	14.509	3.9724	41.9032	3.97450
13800	-5.3873	-3.0844	5.7599	1.4823	14.578	3.9731	41.6904	3.97520
13900	-5.3806	-3.0746	5.7609	1.4868	14.645	3.9738	41.4803	3.97588
14000	-5.3719	-3.0627	5.7620	1.4830	14.690	3.9744	41.2923	3.97647
14100	-5.3675	-3.0551	5.7627	1.5759	15.198	3.9751	41.0689	3.97712
14200	-5.3610	-3.0455	5.7637	1.4808	14.786	3.9757	40.8675	3.97771
14300	-5.3545	-3.0359	5.7646	1.4783	14.826	3.9763	40.6692	3.97829
14400	-5.3480	-3.0263	5.7655	1.4743	14.859	3.9768	40.4740	3.97888
14500	-5.3415	-3.0167	5.7665	1.4707	14.893	3.9774	40.2821	3.97946
14600	-5.3350	-3.0072	5.7674	1.4657	14.920	3.9780	40.0937	3.98007
14700	-5.3285	-2.9976	5.7684	1.4580	14.933	3.9787	39.9088	3.98069
14800	-5.3218	-2.9879	5.7693	1.4502	14.944	3.9793	39.7270	3.98134
14900	-5.3151	-2.9782	5.7703	1.4429	14.959	3.9800	39.5490	3.98202
15000	-5.3083	-2.9684	5.7713	1.4392	14.991	3.9807	39.3749	3.98275

S/R= 115.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8400	-6.9369	-4.9068	5.5289	1.1124	9.226	3.4832	50.6414	3.48367
8500	-6.8645	-4.8263	5.6343	1.1135	9.317	3.5074	50.6897	3.50788
8600	-6.7947	-4.7484	5.6397	1.1156	9.412	3.5310	50.7275	3.53160
8700	-6.7274	-4.6733	5.6450	1.1178	9.507	3.5542	50.7542	3.55478
8800	-6.6626	-4.6008	5.6501	1.1203	9.602	3.5767	50.7683	3.57737
8900	-6.6004	-4.5310	5.6550	1.1228	9.697	3.5986	50.7717	3.59037
9000	-6.5405	-4.4637	5.6598	1.1253	9.791	3.6201	50.7641	3.62083
9100	-6.4830	-4.3989	5.6644	1.1280	9.886	3.6409	50.7452	3.64168
9200	-6.4278	-4.3366	5.6689	1.1310	9.981	3.6610	50.7145	3.66187
9300	-6.3750	-4.2767	5.6733	1.1340	10.075	3.6805	50.6724	3.68144
9400	-6.3243	-4.2192	5.6774	1.1373	10.169	3.6994	50.6192	3.70036
9500	-6.2760	-4.1641	5.6815	1.1408	10.264	3.7175	50.5542	3.71859
9600	-6.2298	-4.1114	5.6854	1.1446	10.359	3.7350	50.4784	3.73614
9700	-6.1858	-4.0609	5.6891	1.1485	10.454	3.7518	50.3902	3.75297
9800	-6.1439	-4.0127	5.6927	1.1527	10.550	3.7679	50.2911	3.76910
9900	-6.1041	-3.9667	5.6962	1.1574	10.647	3.7832	50.1812	3.78448
10000	-6.0663	-3.9229	5.6995	1.1623	10.744	3.7978	50.0597	3.79914
10100	-6.0305	-3.8812	5.7027	1.1675	10.841	3.8117	49.9279	3.81304
10200	-5.9966	-3.8415	5.7057	1.1733	10.941	3.8248	49.7849	3.82623
10300	-5.9646	-3.8039	5.7086	1.1796	11.042	3.8371	49.6320	3.83863
10400	-5.9345	-3.7683	5.7114	1.1861	11.142	3.8488	49.4685	3.85030
10500	-5.9061	-3.7345	5.7140	1.1932	11.245	3.8597	49.2955	3.86124
10600	-5.8794	-3.7026	5.7165	1.2008	11.349	3.8699	49.1135	3.87147
10700	-5.8543	-3.6723	5.7189	1.2089	11.455	3.8793	48.9232	3.88100
10800	-5.8308	-3.6437	5.7212	1.2176	11.563	3.8882	48.7245	3.88985
10900	-5.8087	-3.6167	5.7233	1.2273	11.675	3.8963	48.5183	3.89803
11000	-5.7880	-3.5913	5.7254	1.2373	11.787	3.9038	48.3053	3.90556
11100	-5.7686	-3.5672	5.7273	1.2474	11.899	3.9107	48.0855	3.91250
11200	-5.7504	-3.5444	5.7292	1.2583	12.015	3.9171	47.8605	3.91886
11300	-5.7334	-3.5228	5.7310	1.2697	12.132	3.9229	47.6308	3.92468



S/R= 115.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11400	-5.7174	-3.5024	5.7327	1.2813	12.249	3.9282	47.3972	3.93000
11500	-5.7023	-3.4831	5.7343	1.2938	12.370	3.9330	47.1595	3.93484
11600	-5.6882	-3.4647	5.7358	1.3063	12.491	3.9374	46.9190	3.93924
11700	-5.6748	-3.4471	5.7373	1.3187	12.610	3.9414	46.6758	3.94323
11800	-5.6623	-3.4305	5.7387	1.3315	12.731	3.9450	46.4310	3.94685
11900	-5.6504	-3.4145	5.7400	1.3438	12.849	3.9482	46.1849	3.95012
12000	-5.6391	-3.3993	5.7414	1.3567	12.970	3.9512	45.9383	3.95309
12100	-5.6283	-3.3847	5.7426	1.3692	13.088	3.9539	45.6908	3.95576
12200	-5.6181	-3.3706	5.7438	1.3813	13.204	3.9563	45.4441	3.95818
12300	-5.6083	-3.3571	5.7450	1.3937	13.321	3.9585	45.1975	3.96036
12400	-5.5990	-3.3440	5.7462	1.4044	13.430	3.9605	44.9519	3.96233
12500	-5.5900	-3.3313	5.7473	1.4148	13.537	3.9622	44.7074	3.96412
12600	-5.5814	-3.3190	5.7484	1.4253	13.644	3.9638	44.4642	3.96573
12700	-5.5730	-3.3071	5.7495	1.4346	13.745	3.9653	44.2228	3.96719
12800	-5.5649	-3.2954	5.7505	1.4430	13.841	3.9666	43.9830	3.96851
12900	-5.5571	-3.2841	5.7515	1.4514	13.938	3.9678	43.7453	3.96972
13000	-5.5494	-3.2730	5.7525	1.4597	14.034	3.9689	43.5097	3.97081
13100	-5.5420	-3.2621	5.7535	1.4660	14.120	3.9699	43.2766	3.97180
13200	-5.5348	-3.2515	5.7545	1.4714	14.201	3.9708	43.0459	3.97271
13300	-5.5277	-3.2410	5.7555	1.4765	14.281	3.9717	42.8177	3.97355
13400	-5.5207	-3.2307	5.7564	1.4803	14.355	3.9725	42.5923	3.97432
13500	-5.5138	-3.2205	5.7574	1.4828	14.422	3.9732	42.3693	3.97504
13600	-5.5070	-3.2104	5.7583	1.4853	14.488	3.9739	42.1493	3.97571
13700	-5.5004	-3.2005	5.7593	1.4867	14.550	3.9745	41.9321	3.97634
13800	-5.4938	-3.1907	5.7602	1.4880	14.610	3.9751	41.7180	3.97694
13900	-5.4872	-3.1809	5.7611	1.4194	14.322	3.9757	41.5070	3.97752
14000	-5.4786	-3.1591	5.7623	1.4854	14.705	3.9762	41.3183	3.97805
14100	-5.4742	-3.1615	5.7630	1.5766	15.204	3.9768	41.0942	3.97863
14200	-5.4677	-3.1519	5.7639	1.4790	14.779	3.9774	40.8927	3.97918
14300	-5.4612	-3.1423	5.7649	1.4747	14.811	3.9779	40.6945	3.97973
14400	-5.4546	-3.1327	5.7658	1.4590	14.835	3.9785	40.4999	3.98030
14500	-5.4480	-3.1230	5.7668	1.4627	14.856	3.9791	40.3088	3.98089
14600	-5.4414	-3.1133	5.7677	1.4549	14.868	3.9797	40.1213	3.98151
14700	-5.4346	-3.1035	5.7687	1.4456	14.872	3.9804	39.9379	3.98217
14800	-5.4278	-3.0936	5.7697	1.4360	14.875	3.9811	39.7580	3.98287
14900	-5.4208	-3.0837	5.7707	1.4264	14.876	3.9818	39.5825	3.98363
15000	-5.4137	-3.0736	5.7717	1.4215	14.902	3.9827	39.4110	3.98444

S/R= 116.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8400	-6.9817	-4.9478	5.5345	1.1135	9.270	3.5135	51.3112	3.51394
8500	-6.9103	-4.8683	5.5400	1.1145	9.361	3.5375	51.3492	3.53797
8600	-6.8415	-4.7916	5.5453	1.1166	9.456	3.5609	51.3754	3.56150
8700	-6.7752	-4.7175	5.5504	1.1190	9.552	3.5839	51.3905	3.58447
8800	-6.7116	-4.6462	5.5554	1.1216	9.648	3.6062	51.3933	3.60682
8900	-6.6505	-4.5777	5.5602	1.1243	9.743	3.6278	51.3839	3.62852
9000	-6.5920	-4.5117	5.5649	1.1271	9.838	3.6488	51.3621	3.64959
9100	-6.5358	-4.4483	5.5694	1.1300	9.933	3.6693	51.3291	3.67005
9200	-6.4820	-4.3875	5.5738	1.1332	10.028	3.6890	51.2833	3.68980
9300	-6.4307	-4.3292	5.5780	1.1366	10.124	3.7080	51.2253	3.70886
9400	-6.3817	-4.2734	5.5820	1.1402	10.219	3.7263	51.1559	3.72722
9500	-6.3349	-4.2200	5.5859	1.1440	10.315	3.7438	51.0735	3.74485
9600	-6.2905	-4.1691	5.5897	1.1482	10.412	3.7607	50.9802	3.76175
9700	-6.2482	-4.1205	5.5933	1.1526	10.508	3.7768	50.8736	3.77787

S/R= 116.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	4/RT	Z*
9800	-6.2082	-4.0742	5.6967	1.1574	10.605	3.7921	50.7559	3.79324
9900	-6.1702	-4.0302	5.7003	1.1627	10.704	3.8066	50.6262	3.80783
10000	-6.1344	-3.9884	5.7032	1.1584	10.804	3.8204	50.4849	3.82164
10100	-6.1005	-3.9488	5.7062	1.1743	10.904	3.8334	50.3329	3.83466
10200	-6.0687	-3.9112	5.7090	1.1809	11.006	3.8456	50.1695	3.84692
10300	-6.0387	-3.8757	5.7118	1.1879	11.109	3.8570	49.9958	3.85840
10400	-6.0105	-3.8421	5.7144	1.1955	11.214	3.8677	49.8123	3.86914
10500	-5.9841	-3.8105	5.7168	1.2037	11.321	3.8777	49.6192	3.87910
10600	-5.9594	-3.7806	5.7192	1.2125	11.430	3.8869	49.4164	3.88834
10700	-5.9362	-3.7524	5.7214	1.2219	11.540	3.8954	49.2061	3.89688
10800	-5.9146	-3.7259	5.7235	1.2318	11.653	3.9032	48.9878	3.90474
10900	-5.8943	-3.7008	5.7255	1.2425	11.768	3.9104	48.7630	3.91197
11000	-5.8754	-3.6772	5.7274	1.2536	11.885	3.9170	48.5317	3.91858
11100	-5.8577	-3.6549	5.7292	1.2649	12.002	3.9230	48.2946	3.92462
11200	-5.8410	-3.6337	5.7309	1.2770	12.122	3.9285	48.0535	3.93012
11300	-5.8255	-3.6138	5.7326	1.2899	12.245	3.9335	47.8080	3.93511
11400	-5.8109	-3.5949	5.7341	1.3025	12.365	3.9380	47.5597	3.93964
11500	-5.7972	-3.5769	5.7356	1.3159	12.490	3.9421	47.3080	3.94372
11600	-5.7843	-3.5598	5.7371	1.3292	12.613	3.9457	47.0550	3.94741
11700	-5.7721	-3.5436	5.7384	1.3422	12.734	3.9491	46.8000	3.95074
11800	-5.7606	-3.5280	5.7397	1.3555	12.857	3.9521	46.5443	3.95375
11900	-5.7496	-3.5131	5.7410	1.3679	12.975	3.9548	46.2883	3.95645
12000	-5.7392	-3.4988	5.7422	1.3808	13.094	3.9572	46.0322	3.95889
12100	-5.7293	-3.4850	5.7434	1.3933	13.212	3.9594	45.7765	3.96108
12200	-5.7198	-3.4717	5.7446	1.4048	13.324	3.9614	45.5221	3.96305
12300	-5.7107	-3.4589	5.7457	1.4165	13.438	3.9631	45.2687	3.96483
12400	-5.7019	-3.4464	5.7468	1.4270	13.544	3.9647	45.0165	3.96642
12500	-5.6935	-3.4344	5.7479	1.4366	13.647	3.9662	44.7664	3.96786
12600	-5.6853	-3.4226	5.7489	1.4458	13.748	3.9675	44.5182	3.96917
12700	-5.6774	-3.4111	5.7499	1.4540	13.843	3.9687	44.2722	3.97035
12800	-5.6697	-3.3999	5.7509	1.4613	13.935	3.9697	44.0282	3.97141
12900	-5.6622	-3.3889	5.7519	1.4682	14.024	3.9707	43.7870	3.97238
13000	-5.6549	-3.3782	5.7529	1.4752	14.113	3.9716	43.5480	3.97326
13100	-5.6478	-3.3676	5.7539	1.4802	14.192	3.9724	43.3119	3.97407
13200	-5.6408	-3.3572	5.7548	1.4842	14.267	3.9732	43.0786	3.97481
13300	-5.6339	-3.3469	5.7558	1.4878	14.340	3.9739	42.8483	3.97549
13400	-5.6271	-3.3368	5.7567	1.4901	14.406	3.9745	42.6208	3.97614
13500	-5.6204	-3.3268	5.7577	1.4906	14.463	3.9751	42.3965	3.97674
13600	-5.6137	-3.3169	5.7586	1.4912	14.520	3.9757	42.1752	3.97731
13700	-5.6071	-3.3071	5.7595	1.4910	14.574	3.9762	41.9571	3.97785
13800	-5.6005	-3.2973	5.7605	1.4897	14.621	3.9768	41.7421	3.97838
13900	-5.5940	-3.2876	5.7614	1.4188	14.322	3.9773	41.5306	3.97891
14000	-5.5854	-3.2758	5.7625	1.4838	14.699	3.9778	41.3418	3.97940
14100	-5.5810	-3.2682	5.7632	1.5719	15.185	3.9783	41.1177	3.97995
14200	-5.5744	-3.2585	5.7642	1.4736	14.755	3.9789	40.9168	3.98048
14300	-5.5678	-3.2488	5.7651	1.4662	14.771	3.9794	40.7192	3.98104
14400	-5.5611	-3.2390	5.7661	1.4579	14.782	3.9800	40.5258	3.98163
14500	-5.5543	-3.2291	5.7671	1.4504	14.796	3.9807	40.3361	3.98225
14600	-5.5475	-3.2192	5.7680	1.4410	14.800	3.9813	40.1504	3.98292
14700	-5.5405	-3.2092	5.7690	1.4295	14.792	3.9821	39.9689	3.98365
14800	-5.5333	-3.1990	5.7701	1.4180	14.784	3.9829	39.7919	3.98444
14900	-5.5260	-3.1887	5.7711	1.4066	14.776	3.9837	39.6195	3.98532
15000	-5.5185	-3.1782	5.7722	1.4007	14.796	3.9847	39.4516	3.98627

S/R= 117.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8500	-6.9569	-4.9113	5.6454	1.1168	9.410	3.5671	51.9975	3.56759
8600	-6.8892	-4.8358	5.6506	1.1179	9.501	3.5903	52.0123	3.59086
8700	-6.8242	-4.7630	5.6556	1.1204	9.597	3.6130	52.0140	3.61354
8800	-6.7618	-4.6929	5.6605	1.1232	9.693	3.6349	52.0038	3.63558
8900	-6.7020	-4.6258	5.6652	1.1261	9.789	3.6563	51.9799	3.65694
9000	-6.6449	-4.5613	5.6698	1.1292	9.885	3.6769	51.9440	3.67758
9100	-6.5902	-4.4995	5.6742	1.1323	9.980	3.6968	51.8948	3.69754
9200	-6.5387	-4.4403	5.6784	1.1358	10.076	3.7160	51.8331	3.71678
9300	-6.4883	-4.3838	5.6825	1.1395	10.173	3.7344	51.7582	3.73527
9400	-6.4410	-4.3298	5.6864	1.1436	10.270	3.7521	51.6707	3.75299
9500	-6.3961	-4.2783	5.6901	1.1478	10.367	3.7690	51.5701	3.76993
9600	-6.3535	-4.2293	5.6937	1.1525	10.465	3.7851	51.4573	3.78609
9700	-6.3131	-4.1827	5.6972	1.1577	10.564	3.8004	51.3313	3.80142
9800	-6.2750	-4.1385	5.7004	1.1630	10.663	3.8149	51.1933	3.81595
9900	-6.2391	-4.0966	5.7036	1.1689	10.763	3.8285	51.0428	3.82967
10000	-6.2052	-4.0569	5.7066	1.1754	10.866	3.8414	50.8809	3.84259
10100	-6.1735	-4.0195	5.7094	1.1823	10.969	3.8534	50.7073	3.85466
10200	-6.1437	-3.9841	5.7121	1.1898	11.075	3.8647	50.5228	3.86594
10300	-6.1158	-3.9508	5.7145	1.1980	11.182	3.8751	50.3276	3.87641
10400	-6.0897	-3.9194	5.7171	1.2066	11.291	3.8848	50.1230	3.88614
10500	-6.0653	-3.8899	5.7194	1.2159	11.402	3.8938	49.9089	3.89511
10600	-6.0425	-3.8621	5.7215	1.2259	11.515	3.9020	49.6866	3.90337
10700	-6.0212	-3.8359	5.7236	1.2365	11.630	3.9095	49.4564	3.91094
10800	-6.0014	-3.8112	5.7256	1.2479	11.748	3.9164	49.2192	3.91785
10900	-5.9829	-3.7880	5.7274	1.2603	11.871	3.9227	48.9764	3.92414
11000	-5.9657	-3.7662	5.7292	1.2726	11.992	3.9284	48.7279	3.92984
11100	-5.9495	-3.7455	5.7309	1.2848	12.112	3.9336	48.4743	3.93502
11200	-5.9344	-3.7260	5.7324	1.2982	12.237	3.9382	48.2179	3.93970
11300	-5.9202	-3.7075	5.7339	1.3121	12.364	3.9424	47.9581	3.94392
11400	-5.9069	-3.6900	5.7354	1.3254	12.487	3.9462	47.6965	3.94772
11500	-5.8944	-3.6733	5.7368	1.3393	12.613	3.9497	47.4330	3.95114
11600	-5.8826	-3.6574	5.7381	1.3531	12.737	3.9527	47.1680	3.95421
11700	-5.8714	-3.6421	5.7394	1.3664	12.859	3.9555	46.9027	3.95696
11800	-5.8608	-3.6276	5.7406	1.3799	12.982	3.9579	46.6374	3.95942
11900	-5.8507	-3.6135	5.7418	1.3922	13.098	3.9601	46.3727	3.96164
12000	-5.8410	-3.6000	5.7430	1.4047	13.216	3.9621	46.1090	3.96362
12100	-5.8318	-3.5870	5.7441	1.4168	13.330	3.9639	45.8463	3.96539
12200	-5.8229	-3.5744	5.7452	1.4275	13.438	3.9655	45.5856	3.96699
12300	-5.8143	-3.5621	5.7463	1.4383	13.547	3.9669	45.3264	3.96843
12400	-5.8061	-3.5502	5.7473	1.4477	13.648	3.9682	45.0692	3.96971
12500	-5.7981	-3.5386	5.7483	1.4564	13.747	3.9694	44.8143	3.97087
12600	-5.7903	-3.5273	5.7493	1.4642	13.840	3.9704	44.5620	3.97193
12700	-5.7828	-3.5162	5.7503	1.4712	13.930	3.9714	44.3121	3.97287
12800	-5.7754	-3.5053	5.7513	1.4771	14.014	3.9722	44.0648	3.97373
12900	-5.7682	-3.4946	5.7523	1.4822	14.094	3.9730	43.8206	3.97452
13000	-5.7611	-3.4841	5.7532	1.4878	14.177	3.9738	43.5793	3.97523
13100	-5.7541	-3.4738	5.7542	1.4915	14.250	3.9744	43.3408	3.97589
13200	-5.7473	-3.4635	5.7551	1.4931	14.313	3.9750	43.1058	3.97651
13300	-5.7405	-3.4534	5.7560	1.4951	14.378	3.9756	42.8736	3.97708
13400	-5.7339	-3.4434	5.7570	1.4963	14.439	3.9762	42.6448	3.97762
13500	-5.7272	-3.4335	5.7579	1.4950	14.487	3.9767	42.4194	3.97814
13600	-5.7206	-3.4237	5.7588	1.4936	14.535	3.9772	42.1973	3.97863
13700	-5.7141	-3.4139	5.7598	1.4916	14.579	3.9777	41.9786	3.97913
13800	-5.7075	-3.4041	5.7607	1.4882	14.617	3.9782	41.7638	3.97962
13900	-5.7010	-3.3944	5.7616	1.4841	14.611	3.9787	41.5522	3.98011

S/R= 117.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14000	-5.5923	-3.3825	5.7628	1.4781	14.674	3.9792	41.3540	3.98059
14100	-5.5877	-3.3748	5.7635	1.5605	15.132	3.9797	41.1405	3.98114
14200	-5.6810	-3.3650	5.7644	1.4632	14.706	3.9803	40.9407	3.98170
14300	-5.6743	-3.3551	5.7654	1.4540	14.712	3.9809	40.7447	3.98229
14400	-5.6674	-3.3451	5.7664	1.4437	14.712	3.9815	40.5530	3.98293
14500	-5.6604	-3.3350	5.7674	1.4342	14.716	3.9822	40.3654	3.98363
14600	-5.6532	-3.3248	5.7684	1.4231	14.711	3.9830	40.1825	3.98439
14700	-5.6459	-3.3144	5.7694	1.4093	14.691	3.9838	40.0044	3.98523
14800	-5.6383	-3.3038	5.7705	1.3966	14.676	3.9847	39.8308	3.98615
14900	-5.6305	-3.2930	5.7715	1.3841	14.661	3.9858	39.6625	3.98719
15000	-5.6225	-3.2819	5.7727	1.3771	14.675	3.9869	39.4995	3.98833

S/R= 118.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8600	-6.9381	-4.8811	5.6558	1.1207	9.550	3.6191	52.6355	3.61963
8700	-6.8744	-4.8098	5.6607	1.1221	9.641	3.6414	52.6237	3.64196
8800	-6.8134	-4.7412	5.6655	1.1250	9.738	3.6630	52.5984	3.66361
8900	-6.7551	-4.6755	5.6700	1.1281	9.834	3.6839	52.5599	3.68454
9000	-6.6994	-4.6127	5.6745	1.1315	9.932	3.7040	52.5072	3.70470
9100	-6.6464	-4.5526	5.6787	1.1350	10.028	3.7234	52.4415	3.72411
9200	-6.5960	-4.4952	5.6828	1.1388	10.125	3.7419	52.3616	3.74273
9300	-6.5480	-4.4405	5.6867	1.1430	10.223	3.7597	52.2683	3.76056
9400	-6.5026	-4.3885	5.6905	1.1475	10.321	3.7767	52.1616	3.77756
9500	-6.4596	-4.3391	5.6941	1.1523	10.420	3.7928	52.0412	3.79373
9600	-6.4189	-4.2921	5.6975	1.1575	10.519	3.8081	51.9072	3.80907
9700	-6.3806	-4.2477	5.7008	1.1634	10.621	3.8226	51.7608	3.82355
9800	-6.3447	-4.2057	5.7039	1.1698	10.724	3.8361	51.6011	3.83716
9900	-6.3109	-4.1660	5.7068	1.1765	10.827	3.8488	51.4288	3.84991
10000	-6.2792	-4.1286	5.7097	1.1837	10.932	3.8607	51.2449	3.86183
10100	-6.2495	-4.0934	5.7123	1.1915	11.038	3.8718	51.0495	3.87291
10200	-6.2218	-4.0603	5.7148	1.2002	11.148	3.8820	50.8433	3.88320
10300	-6.1960	-4.0292	5.7172	1.2097	11.260	3.8915	50.6268	3.89267
10400	-6.1719	-4.0000	5.7195	1.2198	11.374	3.9001	50.4008	3.90136
10500	-6.1496	-3.9726	5.7216	1.2304	11.490	3.9081	50.1660	3.90932
10600	-6.1287	-3.9468	5.7236	1.2419	11.610	3.9153	49.9238	3.91658
10700	-6.1093	-3.9226	5.7255	1.2538	11.730	3.9219	49.6748	3.92318
10800	-6.0912	-3.8998	5.7273	1.2661	11.851	3.9279	49.4195	3.92917
10900	-6.0744	-3.8784	5.7290	1.2797	11.978	3.9333	49.1592	3.93458
11000	-6.0587	-3.8581	5.7307	1.2934	12.104	3.9381	48.8949	3.93945
11100	-6.0440	-3.8390	5.7322	1.3068	12.229	3.9425	48.6270	3.94384
11200	-6.0302	-3.8209	5.7337	1.3211	12.357	3.9465	48.3564	3.94778
11300	-6.0173	-3.8038	5.7351	1.3359	12.487	3.9500	48.0840	3.95129
11400	-6.0051	-3.7875	5.7364	1.3499	12.613	3.9531	47.8101	3.95445
11500	-5.9936	-3.7718	5.7377	1.3641	12.739	3.9559	47.5357	3.95727
11600	-5.9828	-3.7569	5.7390	1.3776	12.862	3.9585	47.2614	3.95979
11700	-5.9724	-3.7426	5.7402	1.3907	12.982	3.9607	46.9868	3.96204
11800	-5.9626	-3.7289	5.7413	1.4044	13.104	3.9627	46.7136	3.96405
11900	-5.9532	-3.7156	5.7425	1.4160	13.217	3.9645	46.4417	3.96585
12000	-5.9442	-3.7028	5.7435	1.4273	13.328	3.9661	46.1712	3.96745
12100	-5.9355	-3.6903	5.7446	1.4387	13.439	3.9676	45.9027	3.96888
12200	-5.9271	-3.6782	5.7457	1.4484	13.542	3.9688	45.6365	3.97016
12300	-5.9190	-3.6665	5.7467	1.4580	13.644	3.9700	45.3727	3.97132
12400	-5.9112	-3.6550	5.7477	1.4662	13.740	3.9710	45.1115	3.97235
12500	-5.9035	-3.6438	5.7487	1.4737	13.832	3.9720	44.8527	3.97328

S/R= 118.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12600	-5.8961	-3.5328	5.7497	1.4798	13.918	3.9728	44.5968	3.97413
12700	-5.8888	-3.6220	5.7506	1.4853	14.000	3.9736	44.3442	3.97489
12800	-5.8817	-3.6113	5.7516	1.4901	14.079	3.9743	44.0945	3.97559
12900	-5.8747	-3.5009	5.7525	1.4938	14.153	3.9749	43.8479	3.97623
13000	-5.8678	-3.5906	5.7535	1.4979	14.228	3.9755	43.6046	3.97682
13100	-5.8610	-3.5804	5.7544	1.4995	14.291	3.9761	43.3648	3.97736
13200	-5.8542	-3.5703	5.7553	1.4993	14.345	3.9766	43.1282	3.97788
13300	-5.8476	-3.5603	5.7563	1.4994	14.401	3.9771	42.8950	3.97837
13400	-5.8410	-3.5504	5.7572	1.4985	14.452	3.9776	42.6657	3.97885
13500	-5.8344	-3.5405	5.7581	1.4960	14.494	3.9780	42.4396	3.97931
13600	-5.8278	-3.5307	5.7590	1.4926	14.532	3.9785	42.2175	3.97977
13700	-5.8212	-3.5208	5.7600	1.4881	14.565	3.9790	41.9989	3.98024
13800	-5.8146	-3.5110	5.7609	1.4830	14.594	3.9794	41.7842	3.98071
13900	-5.8079	-3.5012	5.7618	1.4103	14.283	3.9799	41.5735	3.98121
14000	-5.7991	-3.4892	5.7630	1.4681	14.627	3.9804	41.3865	3.98171
14100	-5.7944	-3.4813	5.7637	1.5436	15.052	3.9810	41.1642	3.98230
14200	-5.7875	-3.4713	5.7647	1.4487	14.635	3.9816	40.9662	3.98290
14300	-5.7805	-3.4612	5.7657	1.4379	14.633	3.9823	40.7724	3.98357
14400	-5.7733	-3.4509	5.7667	1.4260	14.625	3.9830	40.5833	3.98429
14500	-5.7659	-3.4404	5.7677	1.4148	14.619	3.9838	40.3988	3.98510
14600	-5.7584	-3.4298	5.7688	1.4014	14.602	3.9847	40.2193	3.98599
14700	-5.7506	-3.4189	5.7699	1.3859	14.572	3.9857	40.0451	3.98699
14800	-5.7425	-3.4078	5.7710	1.3725	14.553	3.9868	39.8764	3.98809
14900	-5.7342	-3.3964	5.7721	1.3596	14.535	3.9881	39.7133	3.98932
15000	-5.7255	-3.3846	5.7733	1.3524	14.547	3.9894	39.5563	3.99070

S/R= 119.0

T	LOG(RH0)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8600	-6.9881	-4.9278	5.5609	1.1225	9.595	3.6473	53.2448	3.64778
8700	-6.9260	-4.8580	5.6656	1.1240	9.686	3.6691	53.2174	3.66966
8800	-6.8665	-4.7911	5.6702	1.1271	9.783	3.6902	53.1762	3.69083
8900	-6.8098	-4.7271	5.6747	1.1305	9.881	3.7106	53.1208	3.71125
9000	-6.7558	-4.6660	5.6789	1.1341	9.978	3.7302	53.0510	3.73085
9100	-6.7046	-4.5078	5.6830	1.1381	10.076	3.7489	52.9665	3.74963
9200	-6.6560	-4.5524	5.6870	1.1424	10.175	3.7668	52.8673	3.76756
9300	-6.6100	-4.4997	5.6907	1.1470	10.274	3.7839	52.7541	3.78464
9400	-6.5666	-4.4498	5.6943	1.1521	10.374	3.8000	52.6266	3.80085
9500	-6.5257	-4.4026	5.6978	1.1577	10.475	3.8153	52.4853	3.81616
9600	-6.4872	-4.3579	5.7010	1.1637	10.577	3.8297	52.3295	3.83058
9700	-6.4510	-4.3157	5.7041	1.1702	10.680	3.8432	52.1604	3.84411
9800	-6.4172	-4.2760	5.7071	1.1774	10.786	3.8558	51.9784	3.85676
9900	-6.3856	-4.2387	5.7098	1.1852	10.893	3.8675	51.7838	3.86851
10000	-6.3561	-4.2036	5.7125	1.1936	11.002	3.8784	51.5767	3.87939
10100	-6.3287	-4.1707	5.7149	1.2029	11.114	3.8884	51.3584	3.88942
10200	-6.3031	-4.1399	5.7173	1.2128	11.229	3.8976	51.1302	3.89864
10300	-6.2794	-4.1110	5.7195	1.2233	11.345	3.9060	50.8921	3.90708
10400	-6.2574	-4.0839	5.7216	1.2346	11.463	3.9137	50.6458	3.91477
10500	-6.2369	-4.0585	5.7235	1.2468	11.585	3.9206	50.3913	3.92175
10600	-6.2179	-4.0347	5.7254	1.2598	11.710	3.9269	50.1297	3.92806
10700	-6.2002	-4.0123	5.7272	1.2732	11.836	3.9326	49.8625	3.93375
10800	-6.1839	-3.9913	5.7288	1.2870	11.964	3.9377	49.5907	3.93886
10900	-6.1685	-3.9715	5.7304	1.3018	12.095	3.9423	49.3147	3.94344
11000	-6.1542	-3.9528	5.7319	1.3162	12.223	3.9464	49.0356	3.94755
11100	-6.1409	-3.9351	5.7333	1.3306	12.351	3.9500	48.7543	3.95121

S/R= 119.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11200	-6.1293	-3.9182	5.7347	1.3454	12.481	3.9533	48.4716	3.95448
11300	-6.1164	-3.9022	5.7360	1.3605	12.611	3.9562	48.1875	3.95739
11400	-6.1053	-3.8869	5.7373	1.3747	12.737	3.9588	47.9034	3.95998
11500	-6.0947	-3.8723	5.7385	1.3883	12.860	3.9611	47.6195	3.96229
11600	-6.0846	-3.8583	5.7397	1.4022	12.983	3.9631	47.3367	3.96433
11700	-6.0750	-3.8447	5.7408	1.4152	13.103	3.9650	47.0552	3.96616
11800	-6.0658	-3.8317	5.7419	1.4279	13.220	3.9666	46.7751	3.96778
11900	-6.0570	-3.8190	5.7430	1.4382	13.326	3.9680	46.4973	3.96924
12000	-6.0485	-3.8067	5.7440	1.4484	13.432	3.9693	46.2216	3.97052
12100	-6.0403	-3.7948	5.7451	1.4589	13.538	3.9705	45.9480	3.97167
12200	-6.0323	-3.7831	5.7461	1.4673	13.635	3.9715	45.6775	3.97270
12300	-6.0246	-3.7718	5.7471	1.4756	13.731	3.9724	45.4100	3.97363
12400	-6.0170	-3.7606	5.7480	1.4826	13.821	3.9733	45.1453	3.97446
12500	-6.0097	-3.7497	5.7490	1.4881	13.904	3.9740	44.8836	3.97521
12600	-6.0025	-3.7390	5.7500	1.4925	13.981	3.9747	44.6253	3.97588
12700	-5.9954	-3.7284	5.7509	1.4967	14.057	3.9753	44.3702	3.97650
12800	-5.9885	-3.7180	5.7518	1.4997	14.127	3.9759	44.1187	3.97708
12900	-5.9816	-3.7077	5.7528	1.5022	14.195	3.9764	43.8706	3.97761
13000	-5.9748	-3.6975	5.7537	1.5046	14.263	3.9769	43.6259	3.97810
13100	-5.9681	-3.6874	5.7546	1.5037	14.314	3.9774	43.3849	3.97857
13200	-5.9615	-3.6774	5.7555	1.5023	14.363	3.9779	43.1476	3.97902
13300	-5.9548	-3.6674	5.7565	1.5004	14.408	3.9783	42.9140	3.97946
13400	-5.9482	-3.6575	5.7574	1.4975	14.449	3.9787	42.6842	3.97989
13500	-5.9416	-3.6476	5.7583	1.4931	14.483	3.9792	42.4582	3.98033
13600	-5.9350	-3.6377	5.7592	1.4871	14.508	3.9796	42.2362	3.98077
13700	-5.9283	-3.6278	5.7602	1.4808	14.531	3.9801	42.0185	3.98124
13800	-5.9216	-3.6179	5.7611	1.4739	14.551	3.9806	41.8048	3.98173
13900	-5.9148	-3.6079	5.7621	1.4622	14.245	3.9811	41.5952	3.98226
14000	-5.9058	-3.5957	5.7632	1.4545	14.561	3.9817	41.4097	3.98281
14100	-5.9008	-3.5876	5.7640	1.5213	14.946	3.9823	41.1899	3.98346
14200	-5.8936	-3.5773	5.7650	1.4310	14.548	3.9830	40.9941	3.98415
14300	-5.8863	-3.5668	5.7660	1.4184	14.536	3.9838	40.8034	3.98492
14400	-5.8787	-3.5561	5.7671	1.4048	14.518	3.9847	40.6179	3.98577
14500	-5.8709	-3.5452	5.7682	1.3917	14.503	3.9856	40.4374	3.98673
14600	-5.8628	-3.5340	5.7693	1.3771	14.478	3.9867	40.2628	3.98780
14700	-5.8545	-3.5225	5.7704	1.3611	14.445	3.9879	40.0938	3.98900
14800	-5.8457	-3.5107	5.7716	1.3470	14.421	3.9892	39.9310	3.99034
14900	-5.8367	-3.4986	5.7728	1.3334	14.399	3.9907	39.7746	3.99184
15000	-5.8272	-3.4860	5.7741	1.3264	14.412	3.9924	39.6247	3.99351

S/R= 120.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8700	-6.9790	-4.9079	5.6703	1.1278	9.738	3.6961	53.7945	3.69659
8800	-6.9213	-4.8428	5.6747	1.1296	9.829	3.7166	53.7355	3.71719
8900	-6.8664	-4.7807	5.6791	1.1333	9.927	3.7364	53.6620	3.73701
9000	-6.8142	-4.7215	5.6832	1.1373	10.026	3.7553	53.5726	3.75596
9100	-6.7649	-4.6653	5.6871	1.1416	10.125	3.7734	53.4684	3.77403
9200	-6.7184	-4.6120	5.6909	1.1465	10.225	3.7905	53.3485	3.79118
9300	-6.6745	-4.5616	5.6945	1.1518	10.326	3.8067	53.2137	3.80742
9400	-6.6332	-4.5139	5.6979	1.1575	10.428	3.8220	53.0642	3.82273
9500	-6.5945	-4.4690	5.7012	1.1639	10.532	3.8363	52.8998	3.83713
9600	-6.5582	-4.4267	5.7043	1.1709	10.638	3.8497	52.7212	3.85056
9700	-6.5244	-4.3869	5.7072	1.1784	10.745	3.8622	52.5282	3.86306
9800	-6.4929	-4.3497	5.7099	1.1867	10.854	3.8738	52.3227	3.87466

S/R= 120.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9900	-6.4635	-4.3147	5.7125	1.1955	10.964	3.8844	52.1548	3.88536
10000	-6.4363	-4.2820	5.7150	1.2050	11.078	3.8943	51.8757	3.89520
10100	-6.4110	-4.2514	5.7173	1.2157	11.195	3.9032	51.6353	3.90419
10200	-6.3876	-4.2228	5.7194	1.2275	11.317	3.9114	51.3849	3.91236
10300	-6.3659	-4.1961	5.7215	1.2395	11.438	3.9188	51.1261	3.91977
10400	-6.3458	-4.1711	5.7234	1.2520	11.561	3.9254	50.8588	3.92645
10500	-6.3272	-4.1476	5.7252	1.2658	11.689	3.9315	50.5857	3.93248
10600	-6.3100	-4.1257	5.7269	1.2801	11.819	3.9368	50.3065	3.93788
10700	-6.2939	-4.1050	5.7286	1.2946	11.949	3.9417	50.0225	3.94271
10800	-6.2790	-4.0856	5.7301	1.3095	12.080	3.9460	49.7355	3.94703
10900	-6.2651	-4.0672	5.7316	1.3252	12.214	3.9498	49.4450	3.95087
11000	-6.2520	-4.0498	5.7329	1.3404	12.346	3.9532	49.1533	3.95428
11100	-6.2398	-4.0333	5.7343	1.3554	12.476	3.9563	48.8591	3.95732
11200	-6.2283	-4.0176	5.7356	1.3708	12.607	3.9589	48.5661	3.96000
11300	-6.2174	-4.0026	5.7368	1.3857	12.736	3.9613	48.2726	3.96238
11400	-6.2071	-3.9882	5.7380	1.3995	12.859	3.9634	47.9797	3.96449
11500	-6.1972	-3.9744	5.7391	1.4126	12.979	3.9653	47.6882	3.96635
11600	-6.1878	-3.9611	5.7402	1.4254	13.097	3.9670	47.3982	3.96801
11700	-6.1788	-3.9482	5.7413	1.4380	13.214	3.9684	47.1103	3.96948
11800	-6.1702	-3.9357	5.7424	1.4498	13.326	3.9697	46.8249	3.97078
11900	-6.1618	-3.9235	5.7434	1.4582	13.424	3.9709	46.5419	3.97195
12000	-6.1537	-3.9117	5.7444	1.4674	13.524	3.9719	46.2619	3.97298
12100	-6.1459	-3.9002	5.7454	1.4766	13.624	3.9729	45.9844	3.97390
12200	-6.1383	-3.8889	5.7464	1.4835	13.714	3.9737	45.7104	3.97472
12300	-6.1308	-3.8778	5.7473	1.4901	13.802	3.9744	45.4397	3.97547
12400	-6.1235	-3.8669	5.7483	1.4960	13.886	3.9751	45.1724	3.97614
12500	-6.1164	-3.8562	5.7492	1.5000	13.962	3.9757	44.9085	3.97675
12600	-6.1094	-3.8457	5.7502	1.5029	14.032	3.9763	44.6483	3.97729
12700	-6.1025	-3.8353	5.7511	1.5055	14.101	3.9768	44.3915	3.97781
12800	-6.0956	-3.8250	5.7520	1.5066	14.162	3.9773	44.1387	3.97829
12900	-6.0889	-3.8148	5.7530	1.5070	14.220	3.9777	43.8895	3.97873
13000	-6.0822	-3.8047	5.7539	1.5071	14.277	3.9781	43.6438	3.97916
13100	-6.0755	-3.7947	5.7548	1.5053	14.324	3.9786	43.4023	3.97957
13200	-6.0689	-3.7847	5.7557	1.5023	14.365	3.9790	43.1647	3.97998
13300	-6.0622	-3.7747	5.7566	1.4980	14.399	3.9794	42.9311	3.98039
13400	-6.0556	-3.7648	5.7575	1.4928	14.429	3.9798	42.7015	3.98081
13500	-6.0489	-3.7548	5.7585	1.4864	14.452	3.9802	42.4761	3.98125
13600	-6.0421	-3.7448	5.7594	1.4784	14.467	3.9807	42.2553	3.98170
13700	-6.0353	-3.7347	5.7604	1.4698	14.479	3.9812	42.0385	3.98220
13800	-6.0284	-3.7246	5.7613	1.4606	14.487	3.9817	41.8267	3.98274
13900	-6.0214	-3.7144	5.7623	1.3912	14.191	3.9823	41.6193	3.98333
14000	-6.0121	-3.7019	5.7635	1.4368	14.475	3.9830	41.4361	3.98395
14100	-6.0068	-3.6935	5.7643	1.4939	14.813	3.9837	41.2191	3.98471
14200	-5.9993	-3.6828	5.7654	1.4103	14.445	3.9845	41.0269	3.98553
14300	-5.9915	-3.6718	5.7664	1.3958	14.423	3.9854	40.8399	3.98643
14400	-5.9834	-3.6606	5.7675	1.3812	14.399	3.9865	40.6591	3.98747
14500	-5.9750	-3.6491	5.7687	1.3666	14.375	3.9876	40.4838	3.98862
14600	-5.9663	-3.6373	5.7698	1.3506	14.342	3.9889	40.3151	3.98992
14700	-5.9572	-3.6250	5.7710	1.3354	14.312	3.9904	40.1525	3.99138
14800	-5.9477	-3.6124	5.7723	1.3210	14.286	3.9920	39.9968	3.99301
14900	-5.9378	-3.5993	5.7736	1.3068	14.260	3.9938	39.8485	3.99483
15000	-5.9273	-3.5858	5.7750	1.3001	14.275	3.9958	39.7071	3.99686

S/R= 121.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8800	-6.9779	-4.8964	5.6791	1.1346	9.885	3.7421	54.2744	3.74262
8900	-6.9250	-4.8364	5.6832	1.1366	9.974	3.7611	54.1809	3.76172
9000	-6.8749	-4.7794	5.6872	1.1409	10.074	3.7793	54.0709	3.77992
9100	-6.8276	-4.7253	5.6910	1.1459	10.175	3.7966	53.9452	3.79719
9200	-6.7832	-4.6744	5.6946	1.1514	10.277	3.8128	53.8030	3.81349
9300	-6.7416	-4.6263	5.5980	1.1576	10.381	3.8281	53.6451	3.82880
9400	-6.7026	-4.5810	5.7013	1.1642	10.486	3.8424	53.4719	3.84314
9500	-6.6663	-4.5386	5.7043	1.1713	10.592	3.8557	53.2834	3.85651
9600	-6.6323	-4.4987	5.7072	1.1791	10.700	3.8681	53.0810	3.86892
9700	-6.6008	-4.4614	5.7099	1.1880	10.812	3.8796	52.8648	3.88038
9800	-6.5716	-4.4266	5.7125	1.1976	10.926	3.8901	52.6352	3.89088
9900	-6.5446	-4.3941	5.7149	1.2077	11.042	3.8996	52.3932	3.90049
10000	-6.5196	-4.3638	5.7172	1.2190	11.162	3.9084	52.1406	3.90924
10100	-6.4965	-4.3355	5.7193	1.2310	11.284	3.9163	51.8788	3.91716
10200	-6.4751	-4.3090	5.7213	1.2440	11.410	3.9234	51.6069	3.92431
10300	-6.4554	-4.2844	5.7232	1.2576	11.537	3.9298	51.3284	3.93075
10400	-6.4372	-4.2613	5.7250	1.2717	11.667	3.9356	51.0423	3.93650
10500	-6.4213	-4.2397	5.7266	1.2871	11.801	3.9407	50.7516	3.94163
10600	-6.4046	-4.2194	5.7282	1.3024	11.934	3.9453	50.4561	3.94620
10700	-6.3900	-4.2003	5.7297	1.3181	12.069	3.9493	50.1566	3.95025
10800	-6.3765	-4.1823	5.7311	1.3340	12.203	3.9529	49.8559	3.95385
10900	-6.3638	-4.1652	5.7325	1.3498	12.337	3.9561	49.5531	3.95702
11000	-6.3518	-4.1490	5.7338	1.3658	12.471	3.9589	49.2497	3.95983
11100	-6.3406	-4.1336	5.7350	1.3807	12.600	3.9614	48.9457	3.96231
11200	-6.3299	-4.1188	5.7362	1.3957	12.729	3.9635	48.6433	3.96449
11300	-6.3198	-4.1046	5.7374	1.4105	12.856	3.9655	48.3413	3.96643
11400	-6.3102	-4.0910	5.7385	1.4231	12.973	3.9672	48.0415	3.96813
11500	-6.3010	-4.0778	5.7396	1.4356	13.089	3.9687	47.7433	3.96963
11600	-6.2922	-4.0651	5.7407	1.4476	13.203	3.9700	47.4475	3.97096
11700	-6.2837	-4.0527	5.7417	1.4588	13.313	3.9712	47.1546	3.97214
11800	-6.2755	-4.0407	5.7427	1.4693	13.420	3.9722	46.8646	3.97318
11900	-6.2675	-4.0290	5.7437	1.4760	13.509	3.9732	46.5776	3.97411
12000	-6.2597	-4.0175	5.7447	1.4841	13.604	3.9740	46.2938	3.97493
12100	-6.2522	-4.0063	5.7457	1.4919	13.698	3.9747	46.0136	3.97567
12200	-6.2448	-3.9952	5.7466	1.4973	13.780	3.9754	45.7368	3.97633
12300	-6.2376	-3.9844	5.7476	1.5025	13.862	3.9760	45.4637	3.97694
12400	-6.2305	-3.9737	5.7485	1.5062	13.936	3.9766	45.1947	3.97748
12500	-6.2235	-3.9632	5.7494	1.5088	14.005	3.9771	44.9290	3.97798
12600	-6.2167	-3.9528	5.7504	1.5102	14.068	3.9775	44.6673	3.97843
12700	-6.2098	-3.9425	5.7513	1.5109	14.128	3.9780	44.4095	3.97886
12800	-6.2031	-3.9323	5.7522	1.5107	14.183	3.9784	44.1556	3.97927
12900	-6.1964	-3.9222	5.7531	1.5089	14.231	3.9788	43.9059	3.97966
13000	-6.1897	-3.9121	5.7540	1.5069	14.277	3.9791	43.6599	3.98005
13100	-6.1830	-3.9021	5.7549	1.5040	14.319	3.9795	43.4184	3.98043
13200	-6.1764	-3.8920	5.7559	1.4980	14.345	3.9799	43.1808	3.98082
13300	-6.1696	-3.8820	5.7568	1.4915	14.369	3.9803	42.9478	3.98123
13400	-6.1629	-3.8720	5.7577	1.4853	14.394	3.9808	42.7191	3.98166
13500	-6.1561	-3.8619	5.7587	1.4762	14.404	3.9812	42.4949	3.98212
13600	-6.1492	-3.8517	5.7596	1.4660	14.408	3.9817	42.2752	3.98262
13700	-6.1421	-3.8414	5.7606	1.4554	14.410	3.9823	42.0604	3.98317
13800	-6.1350	-3.8310	5.7616	1.4433	14.403	3.9829	41.8507	3.98379
13900	-6.1276	-3.8205	5.7626	1.3773	14.122	3.9836	41.6460	3.98447
14000	-6.1180	-3.8076	5.7638	1.4167	14.375	3.9843	41.4662	3.98521
14100	-6.1123	-3.7988	5.7647	1.4632	14.663	3.9852	41.2530	3.98611
14200	-6.1042	-3.7875	5.7658	1.3867	14.327	3.9862	41.0652	3.98709



S/R= 121.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14300	-6.0959	-3.7760	5.7669	1.3706	14.296	3.9873	40.8835	3.98819
14400	-6.0872	-3.7641	5.7680	1.3551	14.266	3.9886	40.7084	3.98945
14500	-6.0781	-3.7519	5.7692	1.3398	14.237	3.9900	40.5397	3.99085
14600	-6.0686	-3.7392	5.7705	1.3243	14.206	3.9916	40.3780	3.99243
14700	-6.0586	-3.7261	5.7718	1.3094	14.178	3.9933	40.2236	3.99421
14800	-6.0481	-3.7125	5.7732	1.2947	14.149	3.9953	40.0771	3.99621
14900	-6.0371	-3.6983	5.7746	1.2810	14.125	3.9975	39.9380	3.99841
15000	-6.0256	-3.6836	5.7760	1.2749	14.143	4.0000	39.8068	4.00086

S/R= 122.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-F	A/AA	Z	H/RT	Z*
8900	-6.9859	-4.8945	5.6872	1.1428	10.033	3.7848	54.6762	3.78532
9000	-6.9379	-4.8398	5.6910	1.1453	10.124	3.8021	54.5435	3.80267
9100	-6.8929	-4.7881	5.6946	1.1509	10.226	3.8184	54.3949	3.81905
9200	-6.8508	-4.7396	5.6980	1.1572	10.331	3.8338	54.2289	3.83440
9300	-6.8116	-4.6940	5.7013	1.1641	10.438	3.8481	54.0464	3.84872
9400	-6.7750	-4.6513	5.7043	1.1720	10.547	3.8613	53.8489	3.86201
9500	-6.7411	-4.6114	5.7072	1.1803	10.657	3.8736	53.6353	3.87429
9600	-6.7096	-4.5741	5.7099	1.1892	10.769	3.8849	53.4079	3.88559
9700	-6.6805	-4.5394	5.7124	1.1994	10.886	3.8952	53.1671	3.89593
9800	-6.6537	-4.5070	5.7148	1.2101	11.004	3.9046	52.9138	3.90535
9900	-6.6299	-4.4769	5.7170	1.2219	11.126	3.9131	52.6489	3.91389
10000	-6.6060	-4.4488	5.7191	1.2348	11.252	3.9208	52.3745	3.92159
10100	-6.5850	-4.4227	5.7211	1.2485	11.380	3.9277	52.0903	3.92648
10200	-6.5656	-4.3984	5.7229	1.2632	11.513	3.9338	51.7987	3.93464
10300	-6.5478	-4.3756	5.7247	1.2784	11.647	3.9393	51.5006	3.94013
10400	-6.5312	-4.3544	5.7263	1.2939	11.781	3.9442	51.1982	3.94501
10500	-6.5159	-4.3344	5.7278	1.3102	11.918	3.9485	50.8908	3.94932
10600	-6.5017	-4.3156	5.7293	1.3265	12.055	3.9523	50.5807	3.95314
10700	-6.4884	-4.2979	5.7307	1.3425	12.190	3.9557	50.2684	3.95650
10800	-6.4759	-4.2811	5.7320	1.3592	12.327	3.9586	49.9550	3.95946
10900	-6.4643	-4.2652	5.7333	1.3756	12.463	3.9612	49.6417	3.96207
11000	-6.4533	-4.2500	5.7345	1.3913	12.595	3.9635	49.3282	3.96435
11100	-6.4429	-4.2354	5.7357	1.4058	12.721	3.9655	49.0160	3.96637
11200	-6.4330	-4.2215	5.7358	1.4201	12.845	3.9673	48.7057	3.96813
11300	-6.4235	-4.2080	5.7379	1.4341	12.969	3.9688	48.3970	3.96968
11400	-6.4146	-4.1950	5.7390	1.4456	13.080	3.9702	48.0909	3.97105
11500	-6.4059	-4.1824	5.7400	1.4571	13.192	3.9714	47.7877	3.97225
11600	-6.3975	-4.1701	5.7410	1.4677	13.299	3.9725	47.4873	3.97332
11700	-6.3894	-4.1582	5.7420	1.4772	13.401	3.9734	47.1900	3.97426
11800	-6.3815	-4.1465	5.7430	1.4856	13.497	3.9743	46.8962	3.97509
11900	-6.3739	-4.1351	5.7440	1.4914	13.582	3.9750	46.6064	3.97584
12000	-6.3664	-4.1239	5.7449	1.4984	13.672	3.9757	46.3197	3.97649
12100	-6.3591	-4.1129	5.7459	1.5043	13.757	3.9763	46.0371	3.97709
12200	-6.3519	-4.1021	5.7468	1.5079	13.831	3.9768	45.7584	3.97762
12300	-6.3449	-4.0915	5.7478	1.5117	13.906	3.9773	45.4832	3.97811
12400	-6.3379	-4.0810	5.7487	1.5132	13.970	3.9777	45.2126	3.97855
12500	-6.3310	-4.0705	5.7495	1.5142	14.032	3.9782	44.9456	3.97897
12600	-6.3242	-4.0602	5.7505	1.5146	14.091	3.9786	44.6832	3.97936
12700	-6.3174	-4.0500	5.7514	1.5135	14.142	3.9789	44.4246	3.97974
12800	-6.3107	-4.0398	5.7523	1.5116	14.190	3.9793	44.1704	3.98010
12900	-6.3040	-4.0297	5.7533	1.5079	14.228	3.9797	43.9204	3.98046
13000	-6.2973	-4.0196	5.7542	1.5036	14.263	3.9800	43.6747	3.98082
13100	-6.2906	-4.0095	5.7551	1.4986	14.295	3.9804	43.4333	3.98120

S/R= 122.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13200	-6.2838	-3.9994	5.7560	1.4911	14.314	3.9808	43.1968	3.98160
13300	-6.2770	-3.9893	5.7570	1.4825	14.327	3.9812	42.9645	3.98202
13400	-6.2701	-3.9791	5.7579	1.4734	14.338	3.9817	42.7375	3.98249
13500	-6.2631	-3.9688	5.7589	1.4616	14.334	3.9822	42.5149	3.98300
13600	-6.2559	-3.9583	5.7599	1.4497	14.330	3.9828	42.2973	3.98357
13700	-6.2486	-3.9478	5.7609	1.4375	14.323	3.9834	42.0853	3.98421
13800	-6.2411	-3.9370	5.7619	1.4233	14.305	3.9842	41.8787	3.98494
13900	-6.2333	-3.9260	5.7629	1.3607	14.039	3.9850	41.6779	3.98575
14000	-6.2232	-3.9127	5.7642	1.3930	14.257	3.9859	41.5021	3.98665
14100	-6.2170	-3.9033	5.7651	1.4299	14.498	3.9870	41.2943	3.98774
14200	-6.2083	-3.8914	5.7663	1.3608	14.196	3.9881	41.1122	3.98893
14300	-6.1992	-3.8791	5.7674	1.3440	14.160	3.9895	40.9365	3.99028
14400	-6.1897	-3.8664	5.7687	1.3283	14.129	3.9910	40.7684	3.99181
14500	-6.1798	-3.8533	5.7700	1.3131	14.099	3.9927	40.6076	3.99353
14600	-6.1694	-3.8397	5.7713	1.2981	14.071	3.9947	40.4547	3.99546
14700	-6.1583	-3.8255	5.7727	1.2834	14.042	3.9968	40.3099	3.99762
14800	-6.1467	-3.8107	5.7742	1.2698	14.019	3.9992	40.1731	4.00002
14900	-6.1346	-3.7952	5.7757	1.2571	14.001	4.0019	40.0455	4.00269
15000	-6.1217	-3.7792	5.7773	1.2509	14.018	4.0048	39.9259	4.00563

S/R= 123.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9100	-6.9610	-4.8539	5.6979	1.1603	10.295	3.8389	54.8151	3.83949
9200	-6.9213	-4.8079	5.7012	1.1640	10.388	3.8532	54.6249	3.85382
9300	-6.8845	-4.7649	5.7042	1.1721	10.498	3.8665	54.4169	3.86708
9400	-6.8505	-4.7248	5.7071	1.1811	10.612	3.8786	54.1936	3.87927
9500	-6.8190	-4.6875	5.7098	1.1907	10.727	3.8898	53.9548	3.89044
9600	-6.7900	-4.6529	5.7123	1.2012	10.845	3.8999	53.7025	3.90061
9700	-6.7634	-4.6207	5.7146	1.2128	10.966	3.9091	53.4364	3.90981
9800	-6.7388	-4.5908	5.7168	1.2252	11.090	3.9174	53.1595	3.91812
9900	-6.7163	-4.5630	5.7189	1.2388	11.219	3.9249	52.8723	3.92559
10000	-6.6955	-4.5371	5.7208	1.2530	11.350	3.9315	52.5759	3.93225
10100	-6.6765	-4.5131	5.7226	1.2682	11.484	3.9374	52.2722	3.93818
10200	-6.6589	-4.4906	5.7243	1.2846	11.623	3.9427	51.9622	3.94342
10300	-6.6427	-4.4697	5.7259	1.3010	11.761	3.9473	51.6474	3.94806
10400	-6.6277	-4.4500	5.7274	1.3177	11.900	3.9514	51.3284	3.95214
10500	-6.6137	-4.4316	5.7288	1.3351	12.041	3.9550	51.0068	3.95573
10600	-6.6009	-4.4141	5.7302	1.3519	12.179	3.9581	50.6839	3.95888
10700	-6.5886	-4.3976	5.7315	1.3680	12.313	3.9609	50.3597	3.96163
10800	-6.5772	-4.3819	5.7327	1.3849	12.450	3.9633	50.0363	3.96405
10900	-6.5664	-4.3669	5.7339	1.4015	12.586	3.9654	49.7137	3.96616
11000	-6.5563	-4.3525	5.7351	1.4159	12.711	3.9673	49.3924	3.96801
11100	-6.5465	-4.3387	5.7362	1.4295	12.833	3.9689	49.0726	3.96963
11200	-6.5373	-4.3254	5.7372	1.4432	12.954	3.9703	48.7558	3.97104
11300	-6.5284	-4.3125	5.7383	1.4555	13.069	3.9715	48.4415	3.97229
11400	-6.5198	-4.3000	5.7393	1.4659	13.176	3.9726	48.1305	3.97339
11500	-6.5115	-4.2878	5.7403	1.4762	13.282	3.9736	47.8229	3.97434
11600	-6.5035	-4.2760	5.7413	1.4852	13.381	3.9745	47.5187	3.97519
11700	-6.4957	-4.2643	5.7423	1.4929	13.475	3.9752	47.2184	3.97595
11800	-6.4882	-4.2530	5.7433	1.4998	13.565	3.9759	46.9217	3.97661
11900	-6.4803	-4.2419	5.7442	1.5044	13.644	3.9765	46.6292	3.97720
12000	-6.4735	-4.2309	5.7451	1.5094	13.725	3.9770	46.3403	3.97773
12100	-6.4663	-4.2201	5.7461	1.5144	13.805	3.9775	46.0558	3.97821
12200	-6.4593	-4.2094	5.7470	1.5160	13.871	3.9779	45.7757	3.97865

S/R= 123.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12300	-6.4523	-4.1989	5.7479	1.5178	13.936	3.9783	45.4997	3.97905
12400	-6.4455	-4.1885	5.7488	1.5182	13.995	3.9787	45.2277	3.97943
12500	-6.4387	-4.1781	5.7497	1.5175	14.049	3.9791	44.9603	3.97978
12600	-6.4319	-4.1679	5.7507	1.5157	14.098	3.9794	44.6972	3.98013
12700	-6.4252	-4.1577	5.7515	1.5127	14.140	3.9798	44.4384	3.98047
12800	-6.4184	-4.1475	5.7525	1.5092	14.180	3.9801	44.1842	3.98081
12900	-6.4117	-4.1373	5.7534	1.5037	14.210	3.9805	43.9343	3.98116
13000	-6.4049	-4.1271	5.7543	1.4973	14.235	3.9808	43.6894	3.98153
13100	-6.3981	-4.1169	5.7553	1.4898	14.254	3.9812	43.4489	3.98192
13200	-6.3912	-4.1067	5.7562	1.4805	14.265	3.9816	43.2136	3.98236
13300	-6.3842	-4.0963	5.7571	1.4699	14.268	3.9821	42.9830	3.98283
13400	-6.3770	-4.0859	5.7581	1.4575	14.262	3.9827	42.7578	3.98335
13500	-6.3697	-4.0753	5.7591	1.4437	14.248	3.9832	42.5377	3.98395
13600	-6.3623	-4.0645	5.7601	1.4303	14.235	3.9839	42.3232	3.98462
13700	-6.3545	-4.0536	5.7612	1.4159	14.217	3.9847	42.1146	3.98539
13800	-6.3466	-4.0423	5.7622	1.4001	14.190	3.9856	41.9121	3.98626
13900	-6.3383	-4.0308	5.7633	1.3817	13.943	3.9866	41.7158	3.98724
14000	-6.3276	-4.0169	5.7647	1.3673	14.128	3.9876	41.5453	3.98834
14100	-6.3207	-4.0068	5.7656	1.3553	14.325	3.9890	41.3436	3.98967
14200	-6.3113	-3.9941	5.7669	1.3341	14.060	3.9904	41.1684	3.99112
14300	-6.3014	-3.9810	5.7681	1.3173	14.023	3.9921	41.0008	3.99278
14400	-6.2909	-3.9673	5.7695	1.3016	13.991	3.9939	40.8412	3.99465
14500	-6.2799	-3.9531	5.7709	1.2869	13.964	3.9960	40.6902	3.99675
14600	-6.2684	-3.9383	5.7723	1.2727	13.939	3.9984	40.5475	3.99910
14700	-6.2561	-3.9228	5.7738	1.2588	13.914	4.0010	40.4138	4.00171
14800	-6.2432	-3.9066	5.7754	1.2463	13.897	4.0039	40.2885	4.00459
14900	-6.2296	-3.8898	5.7771	1.2351	13.887	4.0071	40.1735	4.00778
15000	-6.2153	-3.8722	5.7789	1.2296	13.908	4.0105	40.0677	4.01128

S/R= 124.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9200	-6.9949	-4.8795	5.7041	1.1769	10.469	3.8711	54.9881	3.87165
9300	-6.9607	-4.8392	5.7069	1.1814	10.563	3.8832	54.7542	3.88379
9400	-6.9292	-4.8017	5.7096	1.1918	10.681	3.8943	54.5049	3.89487
9500	-6.9002	-4.7671	5.7121	1.2029	10.802	3.9043	54.2411	3.90490
9600	-6.8737	-4.7350	5.7144	1.2151	10.926	3.9133	53.9636	3.91394
9700	-6.8493	-4.7053	5.7165	1.2284	11.054	3.9214	53.6742	3.92204
9800	-6.8270	-4.6777	5.7186	1.2424	11.184	3.9286	53.3739	3.92927
9900	-6.8066	-4.6522	5.7204	1.2579	11.320	3.9350	53.0644	3.93569
10000	-6.7878	-4.6284	5.7222	1.2739	11.458	3.9407	52.7484	3.94138
10100	-6.7706	-4.6063	5.7239	1.2905	11.597	3.9457	52.4261	3.94640
10200	-6.7547	-4.5856	5.7254	1.3081	11.740	3.9501	52.0994	3.95080
10300	-6.7400	-4.5662	5.7269	1.3254	11.881	3.9540	51.7694	3.95467
10400	-6.7263	-4.5480	5.7283	1.3430	12.023	3.9574	51.4361	3.95804
10500	-6.7136	-4.5308	5.7296	1.3608	12.165	3.9603	51.1022	3.96099
10600	-6.7017	-4.5145	5.7309	1.3776	12.301	3.9629	50.7581	3.96357
10700	-6.6905	-4.4990	5.7321	1.3938	12.435	3.9651	50.4343	3.96581
10800	-6.6799	-4.4842	5.7333	1.4105	12.571	3.9671	50.1021	3.96776
10900	-6.6699	-4.4700	5.7344	1.4263	12.702	3.9688	49.7715	3.96947
11000	-6.6604	-4.4563	5.7355	1.4392	12.821	3.9703	49.4434	3.97095
11100	-6.6513	-4.4431	5.7366	1.4517	12.937	3.9716	49.1179	3.97225
11200	-6.6425	-4.4303	5.7376	1.4640	13.051	3.9727	48.7962	3.97338
11300	-6.6340	-4.4179	5.7386	1.4748	13.159	3.9737	48.4775	3.97437
11400	-6.6259	-4.4058	5.7396	1.4844	13.262	3.9746	48.1624	3.97524

S/R= 124.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11500	-6.6179	-4.3940	5.7406	1.4929	13.360	3.9753	47.8512	3.97600
11600	-6.6102	-4.3825	5.7416	1.4996	13.449	3.9760	47.5440	3.97668
11700	-6.6027	-4.3711	5.7425	1.5058	13.535	3.9766	47.2410	3.97728
11800	-6.5953	-4.3600	5.7434	1.5118	13.621	3.9772	46.9420	3.97781
11900	-6.5881	-4.3490	5.7444	1.5150	13.694	3.9776	46.6475	3.97828
12000	-6.5809	-4.3382	5.7453	1.5183	13.767	3.9781	46.3575	3.97871
12100	-6.5739	-4.3276	5.7462	1.5206	13.835	3.9785	46.0715	3.97912
12200	-6.5670	-4.3170	5.7471	1.5209	13.894	3.9788	45.7900	3.97948
12300	-6.5601	-4.3066	5.7480	1.5217	13.955	3.9792	45.5132	3.97982
12400	-6.5533	-4.2962	5.7490	1.5205	14.007	3.9795	45.2408	3.98015
12500	-6.5465	-4.2859	5.7499	1.5180	14.053	3.9798	44.9725	3.98047
12600	-6.5398	-4.2756	5.7508	1.5141	14.091	3.9802	44.7097	3.98079
12700	-6.5330	-4.2654	5.7517	1.5089	14.123	3.9805	44.4511	3.98111
12800	-6.5262	-4.2551	5.7526	1.5034	14.153	3.9808	44.1973	3.98145
12900	-6.5193	-4.2449	5.7535	1.4958	14.174	3.9812	43.9483	3.98181
13000	-6.5124	-4.2346	5.7545	1.4877	14.190	3.9816	43.7043	3.98221
13100	-6.5055	-4.2242	5.7554	1.4779	14.199	3.9820	43.4654	3.98265
13200	-6.4983	-4.2138	5.7564	1.4659	14.195	3.9825	43.2317	3.98313
13300	-6.4911	-4.2032	5.7574	1.4528	14.187	3.9831	43.0034	3.98367
13400	-6.4836	-4.1924	5.7584	1.4388	14.172	3.9837	42.7809	3.98429
13500	-6.4760	-4.1814	5.7594	1.4235	14.150	3.9844	42.5641	3.98500
13600	-6.4681	-4.1702	5.7604	1.4077	14.125	3.9852	42.3538	3.98581
13700	-6.4599	-4.1587	5.7615	1.3915	14.097	3.9861	42.1494	3.98674
13800	-6.4513	-4.1469	5.7625	1.3747	14.064	3.9872	41.9521	3.98781
13900	-6.4424	-4.1347	5.7638	1.3209	13.938	3.9884	41.7619	3.98902
14000	-6.4310	-4.1201	5.7652	1.3403	13.992	3.9897	41.5981	3.99037
14100	-6.4232	-4.1090	5.7663	1.3605	14.150	3.9914	41.4042	3.99199
14200	-6.4128	-4.0954	5.7675	1.3070	13.921	3.9932	41.2376	3.99378
14300	-6.4019	-4.0812	5.7690	1.2909	13.888	3.9952	41.0792	3.99580
14400	-6.3904	-4.0664	5.7704	1.2760	13.859	3.9975	40.9297	3.99808
14500	-6.3782	-4.0509	5.7719	1.2622	13.836	4.0000	40.7897	4.00062
14600	-6.3653	-4.0347	5.7735	1.2489	13.815	4.0028	40.6590	4.00345
14700	-6.3517	-4.0178	5.7752	1.2364	13.798	4.0059	40.5379	4.00658
14800	-6.3373	-4.0001	5.7769	1.2251	13.788	4.0094	40.4265	4.01002
14900	-6.3222	-3.9815	5.7788	1.2151	13.784	4.0131	40.3255	4.01379
15000	-6.3062	-3.9624	5.7807	1.2104	13.810	4.0172	40.2345	4.01791

S/R= 125.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9500	-6.9847	-4.8502	5.7141	1.2240	10.914	3.9171	54.4929	3.91762
9600	-6.9605	-4.8205	5.7162	1.2310	11.013	3.9250	54.1915	3.92557
9700	-6.9384	-4.7931	5.7182	1.2462	11.149	3.9320	53.8792	3.93261
9800	-6.9182	-4.7678	5.7201	1.2623	11.287	3.9383	53.5580	3.93883
9900	-6.8997	-4.7443	5.7218	1.2793	11.429	3.9437	53.2291	3.94430
10000	-6.8827	-4.7224	5.7234	1.2968	11.572	3.9485	52.8941	3.94909
10100	-6.8671	-4.7020	5.7249	1.3147	11.716	3.9527	52.5551	3.95328
10200	-6.8527	-4.6829	5.7264	1.3335	11.862	3.9563	52.2132	3.95693
10300	-6.8393	-4.6650	5.7279	1.3513	12.005	3.9595	51.8697	3.96012
10400	-6.8268	-4.6480	5.7290	1.3690	12.146	3.9623	51.5243	3.96287
10500	-6.8151	-4.6319	5.7303	1.3869	12.287	3.9647	51.1797	3.96528
10600	-6.8042	-4.6166	5.7315	1.4033	12.422	3.9668	50.8364	3.96737
10700	-6.7938	-4.6019	5.7326	1.4190	12.553	3.9686	50.4947	3.96918
10800	-6.7839	-4.5878	5.7337	1.4346	12.683	3.9701	50.1551	3.97075
10900	-6.7745	-4.5743	5.7348	1.4488	12.806	3.9715	49.8184	3.97211

S/R= 125.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11000	-6.7655	-4.5612	5.7359	1.4609	12.921	3.9727	49.4847	3.97329
11100	-6.7569	-4.5485	5.7369	1.4722	13.031	3.9737	49.1541	3.97433
11200	-6.7485	-4.5361	5.7379	1.4822	13.135	3.9746	48.8280	3.97523
11300	-6.7404	-4.5241	5.7389	1.4917	13.237	3.9754	48.5058	3.97602
11400	-6.7325	-4.5123	5.7398	1.4997	13.333	3.9761	48.1876	3.97671
11500	-6.7249	-4.5008	5.7408	1.5061	13.421	3.9767	47.8736	3.97732
11600	-6.7174	-4.4895	5.7417	1.5118	13.505	3.9773	47.5639	3.97786
11700	-6.7100	-4.4783	5.7427	1.5167	13.586	3.9778	47.2588	3.97834
11800	-6.7028	-4.4674	5.7436	1.5212	13.665	3.9782	46.9584	3.97877
11900	-6.6957	-4.4566	5.7445	1.5226	13.730	3.9786	46.6625	3.97916
12000	-6.6887	-4.4459	5.7454	1.5238	13.794	3.9789	46.3711	3.97951
12100	-6.6817	-4.4353	5.7463	1.5250	13.857	3.9793	46.0842	3.97985
12200	-6.6749	-4.4248	5.7472	1.5239	13.909	3.9796	45.8023	3.98016
12300	-6.6680	-4.4144	5.7482	1.5225	13.961	3.9799	45.5249	3.98046
12400	-6.6612	-4.4041	5.7491	1.5198	14.005	3.9802	45.2525	3.98076
12500	-6.6544	-4.3937	5.7500	1.5155	14.042	3.9805	44.9845	3.98107
12600	-6.6476	-4.3834	5.7509	1.5097	14.072	3.9808	44.7214	3.98138
12700	-6.6408	-4.3731	5.7518	1.5028	14.096	3.9812	44.4640	3.98171
12800	-6.6339	-4.3627	5.7527	1.4950	14.115	3.9815	44.2111	3.98207
12900	-6.6269	-4.3523	5.7537	1.4846	14.121	3.9819	43.9634	3.98246
13000	-6.6198	-4.3418	5.7546	1.4741	14.127	3.9824	43.7210	3.98291
13100	-6.6126	-4.3312	5.7555	1.4620	14.123	3.9829	43.4842	3.98341
13200	-6.6052	-4.3205	5.7566	1.4478	14.109	3.9834	43.2530	3.98397
13300	-6.5976	-4.3095	5.7576	1.4330	14.091	3.9841	43.0276	3.98462
13400	-6.5897	-4.2984	5.7586	1.4169	14.056	3.9848	42.8089	3.98537
13500	-6.5816	-4.2869	5.7597	1.3998	14.034	3.9857	42.5962	3.98623
13600	-6.5731	-4.2751	5.7608	1.3828	14.002	3.9867	42.3907	3.98722
13700	-6.5643	-4.2630	5.7620	1.3657	13.968	3.9878	42.1922	3.98837
13800	-6.5551	-4.2505	5.7631	1.3480	13.930	3.9891	42.0011	3.98967
13900	-6.5454	-4.2374	5.7644	1.2993	13.728	3.9906	41.8185	3.99116
14000	-6.5331	-4.2219	5.7659	1.3131	13.854	3.9923	41.6624	3.99282
14100	-6.5243	-4.2098	5.7670	1.3266	13.978	3.9943	41.4784	3.99480
14200	-6.5128	-4.1950	5.7685	1.2805	13.785	3.9964	41.3216	3.99699
14300	-6.5007	-4.1796	5.7700	1.2656	13.757	3.9989	41.1741	3.99944
14400	-6.4879	-4.1634	5.7715	1.2517	13.734	4.0016	41.0368	4.00219
14500	-6.4742	-4.1464	5.7732	1.2394	13.719	4.0047	40.9093	4.00525
14600	-6.4599	-4.1287	5.7749	1.2273	13.704	4.0080	40.7919	4.00863
14700	-6.4447	-4.1102	5.7768	1.2161	13.695	4.0117	40.6851	4.01234
14800	-6.4287	-4.0908	5.7787	1.2065	13.694	4.0158	40.5888	4.01640
14900	-6.4118	-4.0705	5.7807	1.1978	13.698	4.0202	40.5029	4.02081
15000	-6.3942	-4.0495	5.7828	1.1938	13.728	4.0250	40.4279	4.02559

S/R= 126.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9900	-6.9954	-4.8392	5.7229	1.3116	11.583	3.9510	53.3660	3.95149
10000	-6.9800	-4.8190	5.7244	1.3211	11.689	3.9550	53.0147	3.95550
10100	-6.9658	-4.8001	5.7258	1.3405	11.838	3.9584	52.6617	3.95897
10200	-6.9527	-4.7823	5.7272	1.3596	11.986	3.9614	52.3069	3.96197
10300	-6.9404	-4.7656	5.7284	1.3778	12.129	3.9640	51.9515	3.96456
10400	-6.9289	-4.7497	5.7297	1.3954	12.269	3.9663	51.5965	3.96680
10500	-6.9181	-4.7345	5.7308	1.4125	12.406	3.9682	51.2433	3.96874
10600	-6.9079	-4.7200	5.7320	1.4280	12.536	3.9699	50.8916	3.97042
10700	-6.8982	-4.7060	5.7330	1.4431	12.663	3.9713	50.5429	3.97187
10800	-6.8889	-4.6926	5.7341	1.4567	12.784	3.9726	50.1974	3.97312

S/R= 126.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10900	-6.9830	-4.5796	5.7351	1.4693	12.900	3.9737	49.8554	3.97421
11000	-6.8715	-4.5669	5.7362	1.4805	13.010	3.9746	49.5173	3.97515
11100	-6.8632	-4.5546	5.7371	1.4897	13.111	3.9754	49.1830	3.97598
11200	-6.8551	-4.5426	5.7381	1.4977	13.207	3.9762	48.8535	3.97669
11300	-6.8473	-4.5309	5.7391	1.5061	13.304	3.9768	48.5283	3.97731
11400	-6.8397	-4.5193	5.7400	1.5123	13.391	3.9773	48.2075	3.97786
11500	-6.8322	-4.5080	5.7410	1.5167	13.470	3.9778	47.8917	3.97835
11600	-6.8249	-4.5969	5.7419	1.5212	13.549	3.9783	47.5802	3.97880
11700	-6.8177	-4.5859	5.7428	1.5251	13.625	3.9787	47.2735	3.97918
11800	-6.8106	-4.5751	5.7437	1.5277	13.696	3.9790	46.9720	3.97954
11900	-6.8036	-4.5644	5.7446	1.5273	13.752	3.9794	46.6750	3.97986
12000	-6.7966	-4.5537	5.7455	1.5273	13.811	3.9797	46.3828	3.98016
12100	-6.7897	-4.5432	5.7464	1.5269	13.867	3.9799	46.0956	3.98046
12200	-6.7829	-4.5328	5.7474	1.5239	13.911	3.9802	45.8133	3.98073
12300	-6.7760	-4.5223	5.7483	1.5207	13.953	3.9805	45.5357	3.98101
12400	-6.7692	-4.5120	5.7492	1.5164	13.991	3.9808	45.2634	3.98130
12500	-6.7623	-4.5016	5.7501	1.5101	14.018	3.9811	44.9960	3.98160
12600	-6.7554	-4.4912	5.7510	1.5019	14.037	3.9814	44.7339	3.98193
12700	-6.7485	-4.4807	5.7519	1.4931	14.051	3.9818	44.4772	3.98229
12800	-6.7414	-4.4702	5.7529	1.4824	14.057	3.9822	44.2258	3.98269
12900	-6.7342	-4.4596	5.7538	1.4702	14.054	3.9827	43.9798	3.98314
13000	-6.7269	-4.4488	5.7548	1.4577	14.049	3.9832	43.7397	3.98366
13100	-6.7193	-4.4379	5.7558	1.4432	14.034	3.9838	43.5056	3.98425
13200	-6.7116	-4.4268	5.7568	1.4271	14.010	3.9844	43.2777	3.98493
13300	-6.7035	-4.4154	5.7579	1.4099	13.979	3.9852	43.0565	3.98572
13400	-6.6952	-4.4037	5.7590	1.3923	13.946	3.9862	42.8421	3.98664
13500	-6.6865	-4.3916	5.7601	1.3741	13.907	3.9872	42.6354	3.98769
13600	-6.6773	-4.3791	5.7613	1.3557	13.867	3.9884	42.4359	3.98891
13700	-6.6677	-4.3662	5.7625	1.3384	13.831	3.9898	42.2444	3.99032
13800	-6.6576	-4.3527	5.7638	1.3206	13.792	3.9914	42.0616	3.99193
13900	-6.6469	-4.3387	5.7651	1.2774	13.617	3.9933	41.8876	3.99376
14000	-6.6336	-4.3221	5.7667	1.2863	13.716	3.9953	41.7417	3.99579
14100	-6.6236	-4.3087	5.7680	1.2947	13.815	3.9977	41.5679	3.99820
14200	-6.6108	-4.2926	5.7695	1.2560	13.659	4.0004	41.4232	4.00085
14300	-6.5973	-4.2757	5.7712	1.2423	13.637	4.0033	41.2885	4.00381
14400	-6.5830	-4.2580	5.7729	1.2296	13.621	4.0066	41.1645	4.00710
14500	-6.5678	-4.2394	5.7747	1.2185	13.612	4.0102	41.0515	4.01074
14600	-6.5518	-4.2200	5.7766	1.2081	13.607	4.0142	40.9491	4.01474
14700	-6.5348	-4.1996	5.7786	1.1984	13.606	4.0186	40.8581	4.01909
14800	-6.5170	-4.1784	5.7807	1.1902	13.614	4.0233	40.7784	4.02383
14900	-6.4984	-4.1562	5.7829	1.1826	13.624	4.0284	40.7094	4.02895
15000	-6.4789	-4.1332	5.7852	1.1788	13.657	4.0339	40.6505	4.03444

S/R= 127.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10800	-6.9947	-4.7982	5.7344	1.4833	12.903	3.9746	50.2312	3.97502
10900	-6.9862	-4.7856	5.7354	1.4877	12.984	3.9754	49.8850	3.97589
11000	-6.9780	-4.7733	5.7364	1.4973	13.086	3.9762	49.5432	3.97663
11100	-6.9701	-4.7613	5.7373	1.5051	13.181	3.9768	49.2058	3.97728
11200	-6.9623	-4.7496	5.7383	1.5115	13.269	3.9774	48.8737	3.97784
11300	-6.9547	-4.7381	5.7392	1.5179	13.357	3.9779	48.5461	3.97834
11400	-6.9472	-4.7268	5.7402	1.5223	13.437	3.9783	48.2235	3.97878
11500	-6.9399	-4.7156	5.7411	1.5259	13.512	3.9787	47.9061	3.97917
11600	-6.9327	-4.7046	5.7420	1.5286	13.583	3.9791	47.5932	3.97954

S/R= 127.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11700	-6.9256	-4.6938	5.7429	1.5307	13.651	3.9794	47.2856	3.97985
11900	-6.9186	-4.6830	5.7438	1.5318	13.715	3.9797	46.9832	3.98015
11900	-6.9116	-4.6724	5.7447	1.5297	13.764	3.9800	46.6856	3.98043
12000	-6.9047	-4.6618	5.7456	1.5282	13.816	3.9803	46.3929	3.98069
12100	-6.8978	-4.6513	5.7465	1.5261	13.864	3.9805	46.1057	3.98096
12200	-6.8910	-4.6408	5.7474	1.5216	13.901	3.9808	45.8234	3.98123
12300	-6.8841	-4.6303	5.7484	1.5167	13.936	3.9811	45.5463	3.98151
12400	-6.8772	-4.6199	5.7493	1.5095	13.960	3.9814	45.2745	3.98180
12500	-6.8702	-4.6094	5.7502	1.5012	13.978	3.9817	45.0080	3.98212
12600	-6.8631	-4.5988	5.7511	1.4913	13.988	3.9821	44.7474	3.98248
12700	-6.8560	-4.5882	5.7521	1.4799	13.990	3.9825	44.4921	3.98290
12800	-6.8487	-4.5774	5.7531	1.4669	13.984	3.9829	44.2427	3.98336
12900	-6.8412	-4.5665	5.7540	1.4524	13.970	3.9835	43.9993	3.98389
13000	-6.8335	-4.5554	5.7550	1.4374	13.953	3.9841	43.7623	3.98451
13100	-6.8256	-4.5441	5.7561	1.4208	13.927	3.9848	43.5317	3.98523
13200	-6.8174	-4.5325	5.7571	1.4033	13.895	3.9856	43.3082	3.98607
13300	-6.8088	-4.5205	5.7583	1.3850	13.857	3.9866	43.0920	3.98704
13400	-6.7998	-4.5081	5.7594	1.3662	13.817	3.9877	42.8836	3.98816
13500	-6.7904	-4.4953	5.7606	1.3465	13.770	3.9890	42.6833	3.98946
13600	-6.7804	-4.4820	5.7619	1.3281	13.729	3.9905	42.4914	3.99097
13700	-6.7698	-4.4681	5.7632	1.3108	13.692	3.9923	42.3086	3.99269
13800	-6.7587	-4.4535	5.7645	1.2932	13.653	3.9942	42.1352	3.99467
13900	-6.7468	-4.4383	5.7660	1.2561	13.508	3.9965	41.9717	3.99691
14000	-6.7323	-4.4203	5.7677	1.2613	13.589	3.9989	41.8372	3.99937
14100	-6.7208	-4.4055	5.7691	1.2656	13.666	4.0019	41.6765	4.00229
14200	-6.7066	-4.3878	5.7708	1.2332	13.542	4.0050	41.5451	4.00548
14300	-6.6915	-4.3693	5.7725	1.2211	13.529	4.0086	41.4249	4.00902
14400	-6.6755	-4.3498	5.7745	1.2100	13.521	4.0125	41.3163	4.01292
14500	-6.6586	-4.3295	5.7765	1.2003	13.521	4.0167	41.2189	4.01720
14600	-6.6408	-4.3082	5.7785	1.1915	13.525	4.0214	41.1332	4.02186
14700	-6.6220	-4.2859	5.7807	1.1832	13.533	4.0264	41.0589	4.02691
14800	-6.6024	-4.2627	5.7830	1.1762	13.548	4.0319	40.9959	4.03236
14900	-6.5818	-4.2386	5.7854	1.1698	13.566	4.0377	40.9439	4.03821
15000	-6.5603	-4.2136	5.7878	1.1667	13.604	4.0439	40.9030	4.04445

S/R= 128.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12200	-6.9990	-4.7488	5.7475	1.5143	13.869	3.9813	45.8333	3.98168
12300	-6.9921	-4.7382	5.7485	1.5101	13.906	3.9816	45.5567	3.98197
12400	-6.9850	-4.7277	5.7494	1.5000	13.917	3.9819	45.2859	3.98230
12500	-6.9779	-4.7170	5.7503	1.4891	13.922	3.9823	45.0210	3.98266
12600	-6.9707	-4.7063	5.7513	1.4766	13.920	3.9827	44.7622	3.98308
12700	-6.9632	-4.6954	5.7523	1.4633	13.913	3.9832	44.5089	3.98355
12800	-6.9557	-4.6843	5.7532	1.4484	13.897	3.9837	44.2623	3.98410
12900	-6.9478	-4.6730	5.7543	1.4314	13.870	3.9844	44.0224	3.98475
13000	-6.9397	-4.6615	5.7553	1.4140	13.841	3.9851	43.7894	3.98551
13100	-6.9313	-4.6496	5.7564	1.3960	13.807	3.9860	43.5636	3.98639
13200	-6.9224	-4.6373	5.7575	1.3772	13.767	3.9870	43.3454	3.98743
13300	-6.9131	-4.6247	5.7587	1.3577	13.723	3.9882	43.1358	3.98863
13400	-6.9034	-4.6115	5.7599	1.3385	13.679	3.9896	42.9345	3.99002
13500	-6.8930	-4.5977	5.7612	1.3190	13.633	3.9912	42.7423	3.99163
13600	-6.8820	-4.5833	5.7625	1.3010	13.593	3.9931	42.5595	3.99348
13700	-6.8704	-4.5683	5.7640	1.2839	13.556	3.9952	42.3871	3.99559
13800	-6.8580	-4.5524	5.7655	1.2674	13.522	3.9976	42.2250	3.99799

S/R= 128.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13900	-6.8448	-4.5358	5.7670	1.2354	13.403	4.0003	42.0739	4.00071
14000	-6.8288	-4.5164	5.7689	1.2378	13.469	4.0033	41.9519	4.00367
14100	-6.8157	-4.4999	5.7705	1.2400	13.535	4.0068	41.8058	4.00718
14200	-6.7999	-4.4805	5.7723	1.2131	13.441	4.0106	41.5898	4.01097
14300	-6.7830	-4.4602	5.7743	1.2023	13.435	4.0147	41.5857	4.01514
14400	-6.7652	-4.4388	5.7763	1.1928	13.436	4.0193	41.4939	4.01972
14500	-6.7464	-4.4165	5.7785	1.1844	13.444	4.0243	41.4136	4.02470
14600	-6.7266	-4.3932	5.7808	1.1769	13.456	4.0296	41.3457	4.03009
14700	-6.7059	-4.3689	5.7832	1.1699	13.472	4.0354	41.2891	4.03589
14800	-6.6843	-4.3436	5.7855	1.1642	13.495	4.0416	41.2441	4.04209
14900	-6.6618	-4.3175	5.7882	1.1590	13.521	4.0482	41.2098	4.04868
15000	-6.6384	-4.2905	5.7908	1.1564	13.562	4.0552	41.1862	4.05567

S/R= 129.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13500	-6.9943	-4.5987	5.7619	1.2831	13.450	3.9939	42.8144	3.99425
13600	-6.9821	-4.6830	5.7634	1.2751	13.462	3.9962	42.6425	3.99651
13700	-6.9691	-4.6666	5.7649	1.2586	13.428	3.9987	42.4822	3.99908
13800	-6.9552	-4.6493	5.7666	1.2431	13.398	4.0016	42.3333	4.00200
13900	-6.9405	-4.6310	5.7683	1.2163	13.306	4.0049	42.1964	4.00527
14000	-6.9229	-4.6099	5.7703	1.2170	13.364	4.0084	42.0894	4.00880
14100	-6.9081	-4.5916	5.7721	1.2174	13.421	4.0126	41.9595	4.01295
14200	-6.8973	-4.5703	5.7741	1.1954	13.353	4.0170	41.8598	4.01740
14300	-6.8716	-4.5480	5.7762	1.1862	13.356	4.0219	41.7732	4.02227
14400	-6.8518	-4.5246	5.7785	1.1780	13.366	4.0272	41.6990	4.02757
14500	-6.8310	-4.5002	5.7808	1.1709	13.381	4.0329	41.6368	4.03328
14600	-6.8093	-4.4748	5.7833	1.1644	13.400	4.0390	41.5872	4.03944
14700	-6.7866	-4.4484	5.7859	1.1587	13.424	4.0456	41.5488	4.04600
14800	-6.7629	-4.4211	5.7885	1.1540	13.453	4.0525	41.5220	4.05297
14900	-6.7384	-4.3929	5.7913	1.1496	13.485	4.0599	41.5058	4.06035
15000	-6.7132	-4.3639	5.7941	1.1475	13.531	4.0677	41.4997	4.06810

S/R= 130.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14100	-6.9974	-4.6802	5.7739	1.1840	13.246	4.0194	42.1398	4.01972
14200	-6.9778	-4.6569	5.7761	1.1799	13.279	4.0245	42.0579	4.02489
14300	-6.9570	-4.6325	5.7785	1.1722	13.291	4.0301	41.9898	4.03050
14400	-6.9352	-4.6070	5.7809	1.1655	13.309	4.0362	41.9340	4.03655
14500	-6.9124	-4.5805	5.7835	1.1595	13.332	4.0427	41.8903	4.04303
14600	-6.8886	-4.5530	5.7861	1.1540	13.357	4.0496	41.8587	4.04995
14700	-6.8639	-4.5245	5.7889	1.1494	13.388	4.0569	41.8390	4.05729
14800	-6.8382	-4.4951	5.7918	1.1452	13.422	4.0646	41.8303	4.06503
14900	-6.8118	-4.4649	5.7947	1.1417	13.460	4.0728	41.8318	4.07318
15000	-6.7846	-4.4339	5.7977	1.1403	13.511	4.0813	41.8430	4.08169

S/R= 131.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14500	-6.9903	-4.6572	5.7864	1.1476	13.281	4.0536	42.1752	4.05398
14600	-6.9645	-4.6276	5.7893	1.1454	13.327	4.0613	42.1620	4.06167
14700	-6.9378	-4.5971	5.7922	1.1415	13.363	4.0694	42.1600	4.06978
14800	-6.9172	-4.5657	5.7952	1.1382	13.403	4.0779	42.1584	4.07827
14900	-6.8819	-4.5335	5.7984	1.1353	13.445	4.0868	42.1871	4.08717



S/R= 131.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
15000	-6.8529	-4.5005	5.8016	1.1339	13.497	4.0960	42.2148	4.09641

S/R= 132.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14800	-6.9789	-4.6328	5.7990	1.1310	13.384	4.0923	42.5371	4.09270
14900	-6.9488	-4.5988	5.8023	1.1299	13.438	4.1019	42.5717	4.10230
15000	-6.9181	-4.5641	5.8057	1.1289	13.493	4.1119	42.6147	4.11223

S/R= 133.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
15000	-6.9833	-4.6245	5.8100	0.6625	10.358	4.1288	43.0419	4.12913

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13. ABSTRACT Equilibrium thermodynamic data are presented for air from an S/R of 13.2 to 133.0 and from a temperature of 100 to 15,000°K, where S/R is dimensionless entropy. These data are tabulated at constant entropy with temperature incremented. The dependent parameters are log $\rho$ , log P, log H/R, $\gamma_E$ , A/AA, Z, H/RT, and Z*. Several sources were used in assembling the data.			

14.

## KEY WORDS

## LINK A

## LINK B

## LINK C

ROLE

WT

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air

thermodynamic properties

tables

entropy

temperature